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GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1942

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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UNDER THE DIRECTION OF

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Director General of Observatories

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INDIA WEATHER REVIEW, 1942.

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1942.

Summary.—Western disturbances were generally active during January and February and a large excess of rainfall was recorded from northwest India to Bihar and Chota Nagpur in both the months. The season March-May was unusually warm over most of the country. A depression near the Gulf of Mannar caused a spell of wet weather in the south of the Peninsula in the last week of April. The monsoon, though it arrived rather later than usual was one of the steadiest in recent years. There was abundant and well distributed rain in the country. The main features of October-December were three cyclonic storms, the first in the middle of October, the second at the end of October and the beginning of November and the third in the middle of November. The first caused terrible destruction of life and property in southwest Bengal and north Orissa and the third great damage in the coastal districts of Ganjam and Puri. There were six western disturbances in December but most of them were feeble.

1. *The cold weather period, January and February.*—There were fifteen western disturbances during this period, nine in **January** and six in **February**. The disturbances were particularly active during the first ten days and the third week of January and the second and last weeks of February. Some of them also induced secondary low pressure areas which caused numerous thundershowers in the central parts of the country. During the third week of February, one of the low pressure areas appeared as a deep depression in the north Arabian Sea, and travelled eastwards causing abnormally wet weather over northwest India, the United Provinces and the central parts of the country.

The total rainfall during the season was generally in large excess from northwest India to Bihar and Chota Nagpur, in the central parts of the country and north Hyderabad.

Night temperatures were unusually high in and around Baluchistan during the first and last weeks of January and unusually low in the second week. During February night temperatures were higher than usual in northwest and central India and occasionally also in the United Provinces and the north Deccan. Some stations in northwest India recorded night temperatures 15 to 20° above normal in the latter half of February. Between the 5th and 10th February unusually cold weather prevailed in the east Central Provinces, Orissa, Chota Nagpur and southwest Bengal.

Relative humidity was in excess in the Punjab and the North-West Frontier Province and normal elsewhere. Cloud amount was normal or in excess.

II. *The hot weather period, March to May.*—Although seven western disturbances affected north India during **March** only two of them were active. There were widespread thundershowers in Assam during the first and last weeks. In the month of **April** also, seven western disturbances affected north India; but most of them were feeble. Thunderstorm activity was pronounced in northeast India outside Orissa during the month. A spell of unusually wet weather prevailed in the south of the Peninsula during the fourth week in connection with a depression which appeared over the Gulf of Mannar on the 24th, crossed the Peninsula as a diffuse low pressure area and became a depression over the Arabian Sea on the 27th. Moving in a northnorthwesterly direction it filled up off the south Konkan coast on the 29th.

There was marked thunderstorm activity in Assam during **May** and spells of thundery, whether in Malabar and in the interior of the Peninsula. Eight western disturbances affected north India during the month. Some of them were unusually active and caused a large excess of rainfall in Kashmir and west Rajputana. The monsoon advanced temporarily in the Bay of Bengal in the last week of May.

The total rainfall of the season was in moderate excess in Assam and Kashmir, normal in Bengal, the Punjab, Mysore and Madras. Elsewhere it was in moderate to large defect.

Spells of unusually warm weather prevailed in northwest India, the central parts of the country and the Deccan during the season. The season, as a whole, was warmer than usual. Humidity was normal. Cloud amount was in excess in Hyderabad, Mysore and Madras, and generally in defect in the Punjab, Rajputana and Central India.

III. *The southwest monsoon period, June to September.*—The monsoon arrived rather late but after its onset remained active and gave rain without any large break during the whole period.

The monsoon burst over Malabar on the 10th **June** and over south Bengal on the 18th and gradually extended into the central parts of the country. By the last week of the month it had established its sway all over the country outside northwest India. There was general strengthening of the monsoon towards the end of the month when widespread rain fell over the country except in some parts of northwest India.

The monsoon extended into Sind, Baluchistan and the North-West Frontier Province within the first few days of **July**. A depression formed in the Bay of Bengal towards the end of the first week, developed into a storm on the 9th, travelled inland in a westnorthwesterly direction and finally merged into the seasonal trough of low pressure by the 14th. Associated with this depression there was widespread and locally heavy rain in west Central India, the west Central Provinces and in northwest India excluding Kashmir and the southwest Punjab. Towards the end of the month, two depressions, one after another, from the Bay moved inland and caused general strengthening of the monsoon over the country. The latter of these moved westnorthwestwards and merged into the trough of low pressure over Sind by the 7th of **August**. It caused vigorous monsoon in and near Gujarat on the 5th and 6th of August. For the rest of the month the monsoon was generally active over the country.

A depression which formed on the 30th August at the head of the Bay travelled northwestwards and weakened over the west United Provinces by the 8th **September**. Associated with this depression there was general strengthening of the monsoon over the country particularly in northwest India. The activity of the monsoon was much less marked in the second week of the month; in the third week, however, a depression from the Bay of Bengal caused widespread and locally heavy rain in Bengal and Assam. After this, there was a general decrease of rainfall over the country.

Considering the season as a whole, the monsoon was very satisfactory; it was one of the best and steadiest in recent years. There was abundant and well distributed

rain over most of the country, the only portion which had any appreciable defect of rainfall being the Madras Presidency outside Malabar. The North-West Frontier Province, Kashmir, the east and north Punjab, the west United Provinces, east Rajputana and west Central India had a rainfall which was more than 30 per cent. above normal.

Temperatures were generally normal except in the Punjab and Rajputana where the maximum alone was in defect. Relative humidity was generally normal. Cloud amount was in excess in Orissa, the United Provinces, the Punjab and the North-West Frontier Province and normal elsewhere.

IV. The period of retreating southwest monsoon, October to December.—During the first fortnight of **October** weather was generally dry over the country except for occasional local thunderstorms in northeast India and the Peninsula.

A depression formed in the Bay of Bengal on the 14th and developed into a severe cyclonic storm by the next day. On the 16th, it crossed coast between Saugor Island and Balasore and moved inland into Bengal, and filled up by the 19th. Considerable damage was caused by this storm in the Midnapore district in the Contai and Tamluk taluqs. A storm wave moving with the centre of the storm, inundated these taluqs over an area of about 250 square miles. All the rivers in Midnapore, Twenty-four Parganas district and Balasore were in heavy floods. In the worst affected areas there was heavy loss of human life, the estimated total being about 15,000 persons.

Another depression developed in the Bay towards the end of October. It developed into a cyclonic storm on the morning of 4th **November** crossed coast in the northeast angle of the Bay on the next morning, and subsequently became unimportant. The depression caused widespread and locally heavy rain in the north Madras coast, Orissa and south Bengal.

Again another depression appeared in the north Andaman Sea on the 13th November and developed into a

severe cyclonic storm by the 14th. Subsequently it intensified and on the 16th morning was near Puri. It weakened into a depression on the 17th and afterwards became unimportant. The coastal strip about 10 miles deep along the whole length of Puri and Ganjam districts was severely affected leading to much loss of life and livestock.

In the month of **December** the northeast monsoon was fairly active. During the second week, there was a strengthening of the monsoon causing locally heavy rain in the south Peninsula. Widespread thunderstorms continued in the south Peninsula for a few days more.

Two western disturbances affected the extreme north of the country in October, two in November and six in December. One of these in the month of December was very active and caused extensive rainfall in northwest India outside Gujarat towards the end of the second week.

The total rainfall for the season was in large excess in the Punjab, in slight excess in Orissa, normal in Bengal, Kashmir, Baluchistan, Malabar and the north Madras coast, and in moderate to large defect elsewhere.

Mean maximum temperature was generally normal while mean minimum was above it in the North-West Frontier Province and Sind. Mean humidity was above normal in Sind and below it in the Bombay, Deccan and Hyderabad. Cloud amount was above normal in Bengal and Orissa, and below it in the United Provinces, Rajputana and Central India.

V. Year.—Taking the year as a whole, rainfall was 21 to 54 per cent. in excess in the west United Provinces, the Punjab, Kashmir, the North-West Frontier Province, east Rajputana, west Central India, Gujarat, Berar and the west Central Provinces and 24 to 27 per cent. in defect in south Hyderabad and the Madras Deccan respectively; elsewhere it was within 20 per cent. of the normal. Averaged over the plains of India, it was 11 per cent. in excess.

N.B.—The Indian Standard Time used in this Publication is 5 Hrs. 30 Mins. in advance of G.M.T.

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS FOR THE YEAR 1942.

	RAINFALL.					DEPARTURE FROM NORMAL OF						RAINFALL.					DEPARTURE FROM NORMAL OF				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T.					Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T.			
							Vapour pressure.	Relative humidity.	Cloud.	Vapour pressure.	Relative humidity.							Vapour pressure.	Relative humidity.	Cloud.	
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10		
Division.					°	°	°	%		Division.					°	°	°	%			
1. Assam	95.01	89.35	+5.66	+6	+1.3	+0.6	+0.12	0	+0.2	9. Rajputana	24.40	19.95	+4.45	+22	-0.5	+0.3	-0.05	-1	-0.2		
2. Bengal	78.13	77.95	+0.18	0	+0.7	+1.1	+0.16	+1	+0.7	10. Bombay	39.67	37.76	+1.91	+5	+0.5	+0.6	-0.09	-2	+0.3		
3. Orissa	57.96	56.32	+1.64	+3	+0.3	+0.9	+0.23	+2	+1.1	11. Central India	46.53	37.45	+9.08	+24	+0.1	0	-0.15	-1	-0.2		
4. Bihar	56.59	50.75	+5.84	+12	+1.0	+0.6	+0.20	+2	+0.8	12. Central Provinces and Berar.	53.82	46.80	+7.02	+15	+0.7	+1.0	-0.13	-1	+0.6		
5. United Provinces	51.93	43.07	+8.86	+21	+0.8	+0.8	-0.10	0	+0.5	13. Hyderabad	31.64	32.94	-1.30	-4	+0.5	+1.5	-0.6	-1	+0.5		
6. Punjab	25.63	18.85	+6.78	+36	-0.4	+1.0	+0.26	+3	+0.3	14. Mysore	31.85	31.74	+0.11	0	-0.3	+1.4	+0.6	+2	+0.5		
7. North-West Frontier Province.	15.91	11.13	+4.78	+43	+0.1	+1.6	+0.19	+1	+0.5	15. Madras	44.01	49.28	-5.27	-11	-0.4	+1.0	+0.07	0	+0.8		
8. Sind	6.62	6.13	+0.49	+8	+0.5	+1.8	+0.54	+4	+0.1	Mean of India	43.65	40.28	+3.37	+8	+0.3	+0.9	+0.05	+1	+0.4		
b-Division.										Sub-Division.											
9. Bay Islands										16. Rajputana, East	31.32	24.26	+7.06	+29	-0.8	0	-0.11	-1	+0.1		
10. Assam	95.01	89.35	+5.66	+6	+1.3	+0.6	+0.12	0	+0.2	17. Gujarat	21.94	23.21	-1.27	-5	+0.3	+0.5	-0.06	-2	+0.4		
11. Bengal	78.13	77.95	+0.18	0	+0.7	+1.1	+0.16	+1	+0.7	18. Central India, West	28.44	31.17	+7.27	+23	-0.1	+0.4	-0.40	-3	-0.1		
12. Orissa	57.96	56.32	+1.64	+3	+0.3	+0.9	+0.23	+2	+1.1	19. Do. do. East	54.61	43.75	+10.86	+25	+0.3	-0.3	+0.15	+2	-0.3		
13. Chota Nagpur	63.41	51.72	+11.69	+23	+0.3	+0.1	+0.22	+2	+0.8	20. Berar	40.11	32.19	+7.92	+25	0	+1.2	-0.10	0	0		
14. Bihar	53.96	50.42	+3.54	+7	+1.6	+0.9	+0.20	+2	+0.7	21. Central Provinces, West	57.45	46.77	+10.68	+23	+0.5	+0.6	-0.22	-1	+0.7		
15. United Provinces, East	40.04	42.18	-2.14	-5	+1.0	+1.4	-0.10	0	+0.3	22. Do. do. East	55.20	51.14	+4.06	+8	+1.3	+1.5	-0.01	-1	+0.8		
16. Do. do. West	63.35	44.00	+19.35	+44	+0.7	+0.2	-0.10	0	+0.7	23. Konkan	15.11	102.82	+12.29	+12	+0.5	+1.0	+0.10	-1	+0.1		
17. Punjab, East and North	37.76	27.08	+10.68	+39	-0.6	+0.7	+0.31	+5	+0.5	24. Bombay Deccan	30.20	28.60	+1.60	+6	+0.9	+0.8	-0.20	-2	+0.3		
18. Do. Southwest	11.66	9.74	+1.92	+20	-0.2	+1.3	+0.17	+1	0	25. Hyderabad, North.	38.41	34.58	+3.83	+11	+0.1	+1.8	-0.07	+1	+0.3		
19. Kashmir	33.74	24.02	+9.72	+40	-0.6	+2.1	+0.07	+2	+0.3	26. Do. South	24.89	31.30	-6.41	-20	+0.8	+1.3	-0.05	-1	+0.7		
20. North-West Frontier Province	15.91	11.13	+4.78	+43	+0.1	+1.6	+0.19	+1	+0.5	27. Mysore	31.85	31.74	+0.11	0	-0.3	+1.4	+0.06	+2	+0.5		
21. Baluchistan	11.08	7.86	+3.22	+41	+0.1	+1.6	-0.09	-1	+0.2	28. Malabar	115.00	105.40	+9.54	+9	+0.1	+0.5	+0.36	+1	+0.6		
22. Sind	6.62	6.13	+0.49	+8	+0.5	+1.8	+0.54	+4	+0.1	29. Madras, Southeast	31.00	40.12	-9.12	-23	-0.4	+1.3	-0.06	-1	+1.1		
23. Rajputana, West.	10.51	11.36	-0.85	-7	+0.6	+1.1	+0.18	+1	-0.7	30. Do. Deccan	16.57	25.70	-9.13	-36	-0.6	+1.1	+0.10	0	+1.1		
										31. Do. Coast, North.	32.57	39.65	-7.08	-18	-0.5	+0.8	+0.03	-1	+0.4		

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 62°F and standard gravity, inches.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, inches.			Relative humidity, %			
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean. 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest durin the year.	Month.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Gay Islands.																										
Port Blair	. . .	261	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Assam.																										
Dibrugarh.	. . .	848	29°496	+·006	29°381	88°8	+3°0	99	VII	65°0	-0°2	43	XII	68·5	77·8	66·8	71·8	·678	+·010	·729	91	-1	74			
Sibsagar.	. . .	817	29°517	+·001	29°396	84·1	+2·8	98	VII	66·3	+0·6	43	I	69·6	78·4	68·1	72·6	·705	+·007	·749	93	-1	74			
Tezpur.	. . .	258	29°576	-·006	29°455	85·3	+2·1	98	VIII	67·4	+0·4	48	I	70·8	79·8	68·1	72·6	·687	+·007	·732	87	-2	76			
Gaubati.	. . .	182	29°647	+·002	29°534	85·4	+0·9	97	VIII	67·5	+1·2	45	I	71·3	80·5	69·2	72·9	·719	+·020	·732	90	+2	68			
Dhubri.	. . .	115	29°702	-·002	29°503	83·2	+0·4	94	III, IV, VI	68·8	+0·8	51	I, II, XII	72·5	79·9	69·8	72·9	·722	+·019	·742	86	-1	71			
Silchar.	. . .	96	29°735	-·004	29°621	86·5	+0·4	98	VI	68·3	+0·8	49	I, XI	71·4	81·4	69·5	73·9	·729	+·015	·759	91	+4	68			
Srimangal.	. . .	69	29°753	-·003	29°650	87·0	-0·8	97	IV, VI	66·6	+1·4	48	I, II	72·7	80·3	70·4	74·3	·743	+·025	·787	89	+1	71			
Bengal.																										
Cox's Bazar.	. . .	38	29°776	0	29°606	85·3	+0·4	92	IV, VI, X	70·5	+0·9	52	I, II	75·5	80·2	72·5	74·6	·783	+·005	·800	86	0	76			
Chittagong.	. . .	87	29°784	-·001	29°646	85·9	+1·0	96	IV	70·2	+0·9	51	XII	75·0	79·0	71·4	74·0	·747	-·008	·780	83	-3	74			
Noakhali.	. . .	22	29°791	-·005	29°609	85·6	+1·0	97	IV, VI	72·1	+0·8	54	I, II	76·0	81·8	73·2	74·8	·811	+·034	·794	86	-1	71			
Comilla.	. . .	29	29°781	-·007	29°681	86·9	+0·8	99	IV	69·8	+1·1	50	I, II, XII	74·6	82·5	71·9	75·1	·774	+·012	·783	86	0	70			
Brahmanbaria.	. . .	32	29°783	...	29°683	86·5	-0·4	98	IV	70·0	+2·4	50	II	74·4	82·1	71·6	74·4	·768	+·029	·770	87	+7	68			
Narayanganj.	. . .	26	29°777	-·007	29°680	87·6	+1·4	99	VI	71·1	+0·6	53	I, II, XII	75·1	83·1	71·8	74·8	·769	0	·754	84	-1	65			
Mymensingh.	. . .	62	29°760	+·004	29°655	86·6	+1·8	99	IV	69·2	+0·3	50	XII	73·8	81·1	71·0	74·3	·762	+·025	·781	89	+2	68			
Faridpur.	. . .	27	29°774	+·007	29°678	87·0	+1·6	101	IV	69·8	+0·8	49	II	74·0	81·7	71·9	74·2	·780	+·005	·772	86	-1	70			
Barisal.	. . .	11	29°786	-·004	29°601	86·9	+1·1	98	IV, VI	71·9	+1·6	53	I, II, XII	76·8	82·5	73·0	74·8	·792	-·002	·762	83	-2	67			
Khulna.	. . .	16	29°780	+·005	29°692	87·7	+1·3	100	IV	71·7	+2·1	50	XII	76·4	82·6	72·9	74·7	·785	+·030	·777	83	+3	68			
Jeypore.	. . .	26	29°767	-·009	29°661	88·0	...	102	V	68·5	...	44	II	75·1	82·0	72·9	74·6	·818	+·047	·783	89	+5	70			
Satkhira.	. . .	16	29°781	+·002	29°683	88·5	+0·5	102	V	70·7	+1·7	47	II	76·0	83·3	72·8	75·5	·801	+·007	·807	85	+1	68			
Dum Dum.	. . .	33	29°765	...	29°664	89·7	...	108	V	71·0	...	46	I, II	77·7	82·7	73·3	75·1	·797	...	·794	82	...	69			
Calcutta.	. . .	21	29°772	-·003	29°671	89·3	+1·3	108	V	72·2	+2·3	50	II, XII	75·7	83·2	72·7	75·0	·805	+·045	·787	86	+2	67			
Saingor Island.	. . .	10	29°772	-·009	29°686	84·6	-0·8	100	VI	74·3	+0·9	53	II	78·3	80·9	74·0	74·7	·818	-·014	·805	81	-4	73			
Sandheads.	. . .	28	29°709	-·002	29°683	...	...	...	...	...	...	...	...	80·2	82·1	75·7	76·4	·864	+·009	·855	80	0	75		
Midnapore.	. . .	149	29°639	-·002	29°535	89·9	+0·1	117	VI	71·1	+0·6	49	I	74·9	85·3	71·4	74·3	·758	+·045	·726	83	+7	60			
Burdwan.	. . .	106	29°694	+·006	29°587	89·5	+0·7	110	V, VI	71·1	+0·7	50	I	75·4	85·1	71·3	73·3	·750	+·034	·816	80	+1	57			
Krishnagar.	. . .	48	29°750	0	29°650	89·9	+1·6	109	V	69·6	+0·7	44	II	75·9	84·4	72·1	74·4	·776	+·034	·744	83	+1	62			
Asansol.	. . .	414	29°370	+·003	29°263	89·5	+0·4	115	VI	69·6	+0·9	46	I	74·5	84·8	69·4	71·2	·689	+·009	·609	75	0	52			
Berhampore.	. . .	62	29°728	-·008	29°624	88·5	+0·9	111	V	69·8	+0·2	48	XII	74·7	83·2	70·7	73·0	·739	+·011	·702	81	-2	61			
Bogra.	. . .	63	29°727	-·016	29°630	87·2	+1·0	106	V	69·1	+1·0	48	II	73·5	82·7	70·6	73·9	·746	+·026	·745	86	+3	65			
Malda.	. . .	103	29°696	0	29°594	87·0	0	110	V	69·0	+1·4	45	II	73·9	83·1	70·0	72·7	·720	+·002	·692	82	+1	60			
Dinajpur.	. . .	123	29°670	-·008	29°567	86·3	+0·3	100	IV	68·0	+1·1	44	I	72·4	82·5	69·1	73·3	·705	+·011	·722	84	+1	63			
Jalpaiguri.	. . .	271	29°543	0	29°438	84·7	+0·4	96	VI, VII	66·7	+0·5	47	I, XII	69·9	80·9	67·3	72·6	·671	-·014	·714	87	+1	66			
Orissa.																										
Balasore.	. . .	65	29°719	-·010	29°625	88·5	-0·1	110	VI	71·7	+1·2	50	I	76·3	82·4	72·1	74·7	·764	+·019	·780	81	0	69			
Chandballi.	. . .	20	29°776	-·006	29°684	88·7	0	116	VI	72·5	+1·0	50	I, II	77·1	82·4	73·3	74·7	·796	...	·779	82	0	69			
Puri.	. . .	20	29°777	+·002	29°688	86·8	-0·5	95	III	75·5	+0·9	56	XII	78·5	81·9	74·5	76·0	·825	+·004	·839	82	-1	75			
Gopalpur.	. . .	56	29°733	-·007	29°640	86·2	+0·1	96	VI	73·9	+0·6	58	I, II, XII	77·9	82·3	73·8	76·1	·802	+·017	·838	83	+2	74			
Cuttack.	. . .	87	29°713	+·004	29°611	90·8	-0·1	115	VI	73·2	+0·7	52	I, XII	77·0	84·0	73·3	75·1	·799	+·049	·759	83	+4	63			
Angul.	. . .	455	29°827	-·008	29°219	91·0	+1·1	115	V, VI	70·5	+1·0	49	I, II	76·0	86·2	70·3	71·8	·704	+·011	·604	78	+2	58			
Sambalpur.	. . .	486	29°296	-·015	29°190	91·9	+1·4	116	VI	70·5	+0·7	48	I, II	75·8	88·1	70·1	73·1	·687	+·033	·638	76	+5	51			
Ghota Nagpur	.																									
Jamshedpur.	. . .	423	29°373	...	28·924	90·3	+0·4	115	VI	69·5	...	48	I	74·5	...	69·1	...	·675	...	...	77	...	...	
Chalisgaon.	. . .	742	29°037	+·00																						

8 HRS. L. M. T. AND 17 HRS. I. S. T. (11—30 HRS GMT) FOR THE YEAR 1942.

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days, (0-10° or more.)		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from													STATION.					
Mean ⁸ hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Total of the year	Departure from normal	Heaviest fall during the year in 24 hours	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. L. M. T.						17 hrs. I. S. T.						53						
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	53
...	
5.8	+0.1	4.8	99.84	-8.58	5.11	VI	123	-11.5	1.4	+0.7	16	22	99	7	4	4	6	5	202	18	14	31	7	6	3	2	9	275	
7.7	+0.4	5.6	99.54	+3.55	5.55	V	128	-5.5	8.0	+1.3	69	103	21	20	24	33	4	21	70	63	75	10	14	22	46	15	50	70	
3.9	-1.1	3.2	82.15	+7.91	3.68	IX	104	-1.1	2.0	-0.3	4	74	84	17	0	10	5	7	184	1	33	46	16	2	9	11	5	242	
5.5	+0.4	4.8	67.12*	...	3.88	IX	79*	...	2.4	+1.1	13	73	38	83	20	20	5	6	180	11	75	33	32	11	37	11	25	23	
4.9	+0.3	4.6	94.70	-1.80	5.29	IV	91	-3.3	3.5	-0.5	39	123	85	21	20	19	8	2	48	41	71	30	16	32	62	27	10	80	
5.6	+0.5	4.5	140.06	+15.38	5.95	IV	134	-2.1	...	...	14	28	29	24	9	10	12	4	167	8	6	8	8	11	8	24	7	226
4.8	+1.2	4.7	100.24	+1.71	8.11	IV	111	-12.7	2.6	...	23	43	36	48	70	33	11	16	85	17	25	19	31	53	40	48	30	102	
5.1	+0.9	5.1	154.09	+13.46	12.97	XI	105	-2.0	8.7	+0.8	22	36	56	95	33	4	2	7	110	14	4	5	47	88	36	39	58	74	
4.9	+0.2	5.0	97.54	-5.19	4.58	VII	89	-6.0	3.9	...	49	73	62	97	67	3	2	6	16	42	13	5	29	59	86	71	48	12	
5.8	+1.5	4.9	130.46	...	7.68	XI	108	...	6.6	+3.7	70	28	18	90	48	15	4	24	63	42	5	6	88	57	35	15	64	58	
4.7	+0.8	4.8	104.85	+14.54	5.62	VI	100	-0.2	5.3	...	48	3	23	36	134	2	5	4	110	30	3	6	14	162	6	17	16	113	
4.2	...	3.4	75.29	-7.15	4.20	VI	78	-21.1	3.2	...	25	18	38	69	73	23	13	12	94	17	13	11	35	68	26	21	17	157	
5.4	+0.2	4.9	71.14	-2.68	4.87	IV	102	+8.7	8.6	+0.4	37	9	51	50	94	25	19	55	26	7	1	26	56	112	22	41	42	58	
5.0	-0.2	4.2	84.42	-8.53	3.80	VIII	112	+6.6	2.1	+0.5	6	37	44	88	8	6	7	10	159	3	9	29	63	7	10	25	11	208	
5.4	+1.6	4.9	58.41	-13.31	3.56	IX	72	-21.3	5.1	...	15	14	14	92	69	7	11	55	88	15	12	12	86	69	5	15	38	113	
5.0	+0.4	4.6	75.92	-6.39	5.20	XI	102	-1.2	4.3	+2.4	57	12	30	41	84	22	7	36	75	18	3	18	56	94	18	6	18	134	
5.1	+0.4	4.7	63.37	-2.69	7.72	VIII	87	-10.0	4.3	...	43	49	38	65	45	29	16	32	48	33	24	27	81	58	29	21	33	59	
4.4	-0.1	3.8	55.34	-10.69	4.69	VIII	89	+1.0	3.8	+1.8	44	24	25	52	89	25	6	26	74	8	7	8	33	71	19	3	19	197	
4.7	+1.2	4.6	75.65	+10.95	5.19	X	97	+11.6	2.9	...	58	22	28	33	74	21	6	20	103	16	7	28	39	88	10	2	16	149	
4.7	...	4.7	55.16	...	4.88	X	72	...	1.9	...	14	7	10	84	48	24	9	17	186	8	4	11	32	62	29	7	14	191	
5.0	+0.5	4.7	58.80	-3.76	4.54	X	76	-9.2	3.0	-0.2	31	24	23	20	41	60	6	9	151	44	13	11	16	82	57	10	42	90	
4.5	-0.8	4.4	94.45	+25.04	6.61	VII	75	-4.6	12.3	+3.7	68	65	19	14	42	108	17	5	6	68	17	11	31	124	77	21	18	2	
5.4	+0.8	4.8	159.31	...	8.30	VII	166	...	...	...	50	65	13	18	47	98	28	21	8	43	16	14	40	100	75	16	16	32
4.7	+1.6	5.1	70.89	+11.84	12.60	X	76	-4.3	...	...	81	47	22	14	91	15	3	1	75	58	33	13	17	118	10	2	8	87
4.7	0	4.5	56.49	-2.14	7.10	X	77	+0.1	...	...	61	29	48	23	33	69	21	46	31	57	27	41	39	46	44	27	50	27
5.3	+1.1	5.2	55.16	-3.24	5.95	X	73	-5.2	3.3	...	28	13	23	54	79	18	10	28	112	14	10	21	63	59	9	21	15	153	
4.8	+0.8	5.1	71.09	+13.15	4.57	VIII	81	+6.3	4.3	...	38	33	56	34	28	7	84	7	18	40	35	67	35	18	9	50	56	55	
5.1	+0.4	4.7	68.08	+10.97	6.10	X	82	+4.8	2.4	+0.1	26	16	62	44	58	10	12	17	121	13	11	52	33	37	6	14	16	188	
4.6	+0.5	4.3	74.07	+8.10	6.47	IX	75	-10.3	2.9	+1.3	34	49	106	58	18	31	30	23	16	13	14	79	55	17	42	66	21	58	
4.7	+1.7	4.2	61.05	+4.95	6.42	VIII	63	-5.9	3.8	...	48	24	80	37	37	15	14	38	72	29	28	61	33	25	9	20	76	84	
4.8	+0.6	4.2	68.68	-2.42	9.28	IX	68	-16.5	3.0	+0.6	12	129	69	17	11	7	38	12	70	3	69	55	34	15	31	38	12	108	
4.5	+1.2	4.3	107.75	+14.57	8.48	VII	97	-6.2	3.4	+2.0	89	88	85	14	6	5	6	10	62	21	32	91	31	32	29	28	13	88	
6.0	+2.4	6.2	64.71	+1.98	5.71	VII	66	-12.0	4.9	+2.0	82	34	11	11	63	82	13	48	21	12	17	11	96	93	35	3	5	93	
5.4	...	5.2	70.37	+9.39	7.84	XI	68	-3.6	6.2	...	86	10	3	19	87	52	37	59	12	14	63	45	101	88	19	16	8	11	
4.4	+0.3	4.5	154.20	...	5.14	IX	114	141	21	3	6	77	83	20	11	3	44	16	24	40	142	87	8	2	2	Puri.
4.5	+1.6	5.1	71.44	+26.48	8.91	XI	52	-4.2	135	6	3	2	89	54	9	59	7	19	29	75	29	139	57	4	9	2	Gopalpur.
5.2	+0.7	5.5	53.34	-5.93	6.16	VIII	73	-1.9	4.1	+2.1	10	22	24	9	33	63	57	22	125	6	31	37	25	67	67	20	16	96	
5.1	+1.0	5.9	41.56	-6.27	3.75	VII	54	-3.9	4.8	+0.7	14	19	28	27	22	12	101	81	54	59	29	38	34	50	20	42	47	44	
4.6	+0.5	5.2	52.66	-13.07	4.64	VII	67	-6.9	3.7	+0.8	76	74	21	16	37	57	11	22	51	62	19	17	14	38	66	52	40	37	
4.4	...	...	63.17	...	3.04	VII	78	...	3.5	...	6	12	50	7	1	23	117	32	117	...	...	...	...	...	...	...	...
5.2	+1.5	6.0	60.02	+8.23	7.61	VII	73	-1.4	1.7	+0.1	5	10	2	9	22	50	30	5	232	16	17	11	10	13	15	38	14	231	
4.2	+0.3	4.8	69.97	+12.76	3.92	VIII	85	+4.8	3.9	-0.7	62	2	18	21	54	62	18	45	83	90	8	31	30</td						

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet	Pressure reduced to 32° F and standard gravity, inches				Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, inches.			Relative humidity %			
		Mean 8 hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.		
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
1																								
United Provinces, East																								
Gonda . . .	360	29.484	... -0.014	29.337	89.7	.. 116	VI	66.2	... 35	I	71.8	85.0	66.1	70.2	.613	... 571	76	... 571	76	... 571	76	... 571	76	
Gorakhpur . . .	254	29.515	-0.014	29.419	89.5	+1.8 118	VI	68.2	+1.5 42	I	74.0	86.0	67.5	70.8	.682	-0.008	575	72	-0.008	575	72	-0.008	575	72
Benares . . .	250	29.527	-0.007	29.433	90.1	+0.6 116	VI	68.0	+1.4 43	I	72.8	87.1	66.3	70.1	.603	-0.018	586	73	-0.018	586	73	-0.018	586	73
Allahabad (Bamrauli)	322	29.456	-0.005	29.363	90.3	+0.4 116	VI	68.5	+2.3 41	I	74.2	87.3	66.0	62.4	.570	-0.010	508	67	-0.010	508	67	-0.010	508	67
Patchpur . . .	375	29.389	... -0.006	29.205	90.9	... 116	VI	67.4	... 39	I	72.2	87.8	64.9	70.6	.565	... 545	70	... 545	70	... 545	70	... 545	70	
Cawnpore . . .	413	29.361	-0.011	29.168	89.8	+0.8 115	VI	66.9	+1.0 37	I	71.3	87.3	64.5	70.3	.562	-0.001	544	71	-0.001	544	71	-0.001	544	71
Lucknow . . .	371	29.399	-0.011	29.102	90.8	+1.1 117	VI	66.8	+0.6 36	I	73.3	85.7	66.0	71.0	.587	+0.005	590	71	+0.005	590	71	+0.005	590	71
Bahraich . . .	407	29.359	-0.008	29.268	89.1	+1.0 116	VI	... ... 42	I, II	72.7	86.3	66.1	69.8	.600	-0.018	535	73	-0.018	535	73	-0.018	535	73	
United Provinces, West																								
Jhansi . . .	624	29.057	-0.016	28.873	91.1	-0.1 115	VI	68.1	-0.9 40	I	74.3	88.1	63.2	67.1	.479	-0.050	412	55	-0.050	412	55	-0.050	412	55
Agra . . .	553	29.285	+0.003	29.140	90.3	... 114	VI	67.2	... 37	I	72.4	87.7	63.2	67.9	.507	... 450	61	... 450	61	... 450	61	... 450	61	
Mainpuri . . .	516	29.254	-0.006	29.163	91.1	+1.0 116	VII	65.6	0 36	I	72.6	87.1	64.7	69.9	.557	+0.013	584	67	+0.013	584	67	+0.013	584	67
Alligarh . . .	615	29.149	... -0.006	29.065	89.8	... 118	VI	66.1	... 34	I	71.8	86.3	63.2	68.1	.515	... 476	63	... 476	63	... 476	63	... 476	63	
Bareilly . . .	568	29.195	-0.008	29.105	89.2	+1.7 115	VI	66.4	+1.7 36	I	71.9	85.6	64.6	69.0	.556	-0.028	517	70	-0.028	517	70	-0.028	517	70
Roorkee . . .	899	28.857	-0.018	28.776	86.2	-0.2 112	VI	62.8	+0.6 32	I	69.2	83.3	62.7	68.2	.428	+0.009	521	72	+0.009	521	72	+0.009	521	72
Dehra Dun . . .	2,239	27.552	+0.03	27.483	82.4	+1.2 107	VI	60.8	-0.4 37	I	66.2	78.7	60.2	65.4	.477	+0.06	482	73	+0.06	482	73	+0.06	482	73
Punjab, East and North																								
New Delhi . . .	714	29.054	-0.009	28.965	88.7	... 115	VI	65.8	... 32	I	71.4	85.6	62.0	67.0	.471	... 448	60	... 448	60	... 448	60	... 448	60	
Hissar . . .	725	29.053	+0.003	28.978	90.0	-0.9 115	VI	63.3	-0.4 29	I	70.3	86.4	62.9	70.2	.533	+0.059	553	67	+0.059	553	67	+0.059	553	67
Ambala . . .	892	28.881	+0.005	28.802	87.8	-0.1 115	VI	64.3	+1.6 33	I	69.5	84.6	62.7	68.0	.525	0	497	71	+0.013	564	74	+0.013	564	74
Ludhiana . . .	812	28.167	+0.008	28.893	88.6	+0.8 116	VI	63.0	-1.0 30	I	69.9	84.9	63.7	69.7	.562	+0.033	564	74	+0.033	564	74	+0.033	564	74
Lahore . . .	702	29.059	-0.008	28.988	88.3	-1.3 116	VI	63.1	+2.5 32	I	69.6	85.5	64.1	69.7	.577	+0.089	553	77	+0.089	553	77	+0.089	553	77
Sialkot . . .	830	28.939	-0.003	28.869	85.7	-1.4 116	VI	63.3	+0.9 34	I	69.3	82.9	61.8	67.3	.493	-0.022	494	69	-0.022	494	69	-0.022	494	69
Rawalpindi . . .	1,674	28.108	-0.006	28.038	83.6	-0.5 113	VI	58.8	+1.1 30	I	67.1	80.6	59.1	64.5	.446	-0.002	435	66	-0.002	435	66	-0.002	435	66
Punjab, South-west																								
Khushab . . .	612	29.151	-0.020	29.071	89.0	-0.5 118	VI	64.9	+1.2 32	I	72.1	87.3	... 32	... 32	... 32	... 32	... 32	... 32	... 32	... 32	... 32	... 32	... 32	
Layallpur . . .	605	29.152	-0.009	29.083	88.8	-0.8 117	VI	63.8	+1.7 33	I	70.7	86.7	62.7	68.4	.513	+0.031	498	66	+0.031	498	66	+0.031	498	66
Montgomery . . .	558	29.193	-0.019	29.119	89.7	-1.4 117	VI	65.0	+0.8 34	I	71.9	87.4	63.1	68.9	.516	-0.039	495	62	-0.039	495	62	-0.039	495	62
Lelaih . . .	490	29.285	... -0.006	29.190	90.7	... 120	VI	64.9	... 33	I	71.9	88.8	64.8	71.9	.583	... 606	70	... 606	70	... 606	70	... 606	70	
Multan . . .	413	29.351	-0.008	29.268	91.5	+1.7 118	VI	66.4	+1.8 33	I	72.9	89.4	64.2	69.4	.537	-0.032	490	63	-0.032	490	63	-0.032	490	63
Fort Abbas . . .	475	29.293	... -0.006	29.205	93.5	... 117	VI	65.3	... 32	I	73.1	91.0	62.4	68.8	.479	... 441	56	... 441	56	... 441	56	... 441	56	
Bahawalpur . . .	384	29.382	... -0.006	29.291	91.6	... 115	VI	64.9	... 33	I	71.8	89.3	63.3	69.8	.523	... 505	63	... 505	63	... 505	63	... 505	63	
Khanpur	297	29.477	... -0.006	29.382	93.7	... 119	VI	65.8	... 33	I	73.5	92.4	63.8	68.6	.497	... 413	57	... 413	57	... 413	57	... 413	57	
Kashmir Srinagar	5,205	24.865	+0.010	24.791	67.2	-0.5 97	VII	46.1	+2.4 24	XII	51.9	63.5	48.7	53.8	.342	-0.01	336	82	-0.01	336	82	-0.01	336	82
Dras . . .	10,050	20.818	+0.047	... 48.1	-1.3 85	VII	28.4	+5.4 25	I	81.5	...	28.5	...	.165	-0.004	18	+2	-0.004	18	+2	-0.004	18	+2	
Leh . . .	11,529	19.697	+0.024	... 54.8	-0.6 88	VII	28.2	-1.4 26	I	35.0	...	29.9	...	.145	+0.013	60	+9	+0.013	60	+9	+0.013	60	+9	
Skardu . . .	7,505	...	...	...	63.3	+0.7 100	VIII	41.8	+1.3 6	I	45.6	...	39.3	...	.203	-0.015	61	-5	-0.015	61	-5	-0.015	61	-5
Gilgit	4,800	25.168	+0.060	25.053	69.1	-3.9 97	VII	58.9	+1.6 30	I	57.4	66.6	49.9	53.5	.209	+0.030	288	60	+0.030	288	60	+0.030	288	60
N.W.F. Province Peshawar	1,164	28.631	-0.012	28.549	84.7	0 115	VI	61.8	+1.5 34	I, XII	69.0	82.1	60.1	64.8	.452	+0.033	421	60	+0.033	421	60	+0.033	421	60
Bannu . . .	1,264	28.509	... -0.006	28.427	87.6	+0.4 115	VI	64.1	+2.3 34	I	72.0	83.9	62.1	65.9	.477	+0.043	432	57	+0.043	432	57	+0.043	432	57
Miranshah . . .	3,026	...	...	...	80.5	... 100	VI	59.0	... 21	I	67.2	...	56.7	...	.378	...	53	...	53	...	53	...	53	
D. I. Khan Baluchistan Fort Sandeman	570	29.213	+0.011	29.125	89.7	0 118	VI	55.4	+2.0 23	I	71.8	87.3	62.7	68.6	.506	-0.016	488	61	-0.016	488	61	-0.016	488	61
Loralal . . .	4,690	25.263	... -0.006	25.191	77.9	... 102	VI	51.0	... 22	I	58.8	75.9	47.0	54.1	.217	... 185	44	... 185	44	... 185	44	... 185	44	
Sibi . . .	441	29.334	... -0.006	29.223	94.6	... 120	VI	...	...	...	77.2	92.9	62.5	66.5	.422	... 341	44	... 341	44	... 341	44	... 341	44	
Quetta . . .	5,490	24.556	-0.040	24.490	73.3	... 99	VII	43.8	... 14	I	56.0	71.7	48.1	53.0	.268	... 220	53	... 220	53	... 220	53	... 220	53	
Chaman . . .	4,811	25.025	-0.004	25.569	79.1	+0.9 106	VII	56.1	+1.6 18	I	66.8	77.1	50.1	54.4	.185	-0.062	175	34	-0.062	175	34	-0.062	175	34
* Kalat . . .	6,616																							

* Site changed from 10th November, hence no annual records except of pressure, cloud, rainfall, wind velocity and wind frequencies.

8 HRS. L. M. T. AND 17 HRS. I. S. T. (11·30 HRS. G.M.T.) (FOR THE YEAR 1942.)

Cloud amount, (tenths of sky).			Rainfall, Inches.				Number of rainy days (0·10" or more).			Wind velocity, miles per hour.	Wind direction—Number of winds during the year from												STATION.							
Mean hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Total of the year	Departure from normal	Heaviest fall during the year in 24 hours	Month	Total in the year	Departure from normal	Mean	Departure from normal	8 hrs. L. M. T.						17 hrs. I. S. T.						STATION.							
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
3·1	...	3·4	46·12	...	4·19	VIII	51	...	3·5	...	6	11	170	7	3	4	96	8	60	6	4	83	4	6	4	173	20	65	United Provinces, East. Gonda.	
2·7	+0·1	2·7	36·86	-13·33	5·25	VIII	52	-4·6	3·3	...	19	37	130	29	17	8	88	14	23	28	27	60	19	17	13	134	28	39	Gorakhpur.	
3·2	-0·1	3·1	40·92	+0·37	2·67	VII	59	+6·3	4·8	+2·3	12	35	58	21	36	141	42	8	12	35	53	22	15	6	28	79	125	2	Benares.	
3·4	-0·2	3·6	39·60	-1·70	6·23	IX	51	-1·0	3·6	+0·4	16	33	47	27	33	51	77	28	53	50	54	25	12	10	10	63	133	8	Allahabad, (Bamrauli) Fatehpur.	
2·9	...	3·2	35·07	...	2·68	VIII	52	...	2·3	...	3	16	23	21	7	5	35	22	233	12	24	18	9	7	6	47	73	169	Cawnpore.	
3·1	+0·9	3·3	36·76	+0·84	3·04	IX	52	+7·5	5·5	+0·3	16	32	55	27	14	51	88	29	53	72	35	42	22	9	23	81	68	13	Lucknow.	
3·3	+0·2	3·1	46·05	+7·48	4·00	VII	59	+10·7	1·9	0	3	3	82	11	8	5	54	17	182	8	5	49	5	6	0	83	17	192	Bahraich.	
3·4	+1·0	3·7	44·58	-0·72	5·13	VII	44	-5·7	4·0	+1·9	11	14	121	64	5	42	61	39	8	12	5	63	60	7	55	116	40	7	United Provinces, West. Jhansi.	
3·1	+0·8	4·0	56·85	+20·68	7·88	IX	49	+2·4	3·7	+0·7	18	25	10	8	8	110	92	28	66	33	54	17	16	9	43	75	88	30	Agra.	
3·8	+1·1	3·7	42·18	...	4·80	IX	48	...	2·4	-0·9	24	28	19	23	23	42	26	84	96	58	22	24	13	23	22	18	95	90	Mauerpuri.	
3·5	+0·6	3·7	30·50	+3·43	2·47	VIII	48	+9·4	2·2	+0·6	11	12	39	31	13	19	65	59	116	16	13	33	21	7	8	87	79	101	Alligarh.	
3·1	...	3·3	40·23	...	6·48	VII	47	...	4·0	...	49	20	39	31	17	23	98	31	57	100	18	35	26	13	8	41	78	46	Bareilly.	
3·3	+0·2	3·0	43·86	+0·19	4·15	VII	52	+5·7	3·4	+1·6	33	19	87	37	7	21	46	36	79	33	9	29	32	16	20	95	79	52	Roorkee.	
4·1	+1·3	3·9	90·54	+48·56	8·43	IX	65	+17·3	3·0	+1·1	20	12	13	106	11	10	10	79	104	10	6	4	58	13	13	18	165	78	Dehra Dun. Punjab, East and North.	
4·1	+0·2	4·1	98·62	+15·46	7·70	VIII	89	+8·7	2·1	+1·0	34	30	2	9	16	17	39	24	194	22	11	4	16	20	69	74	45	104	New Delhi.	
3·5	+0·6	3·4	36·68	+9·84	4·10	II	45	+9·0	6·8	...	9	11	35	28	5	47	114	37	79	50	42	30	22	5	13	37	131	35	Hissar.	
2·4	+0·2	2·5	23·66	+5·99	2·82	VIII	34	+8·2	4·5	+0·3	18	17	32	49	42	78	51	29	49	62	20	30	24	17	33	48	85	46	Ambala.	
3·4	+0·5	3·1	68·91	+38·42	6·35	VII	61	+18·6	3·0	+0·6	4	5	0	72	0	3	3	69	209	2	4	1	50	1	13	4	153	137	Ludhiana.	
3·3	+0·6	3·2	40·24	+11·53	3·38	IX	54	+17·7	2·1	+0·8	26	34	28	59	26	34	31	37	92	51	46	27	31	21	17	35	85	52	Lahore.	
3·2	+0·6	3·7	20·16	+0·54	2·27	VIII	36	+7·9	2·3	+0·6	21	26	32	52	14	6	40	28	146	32	31	22	36	7	13	55	93	76	Skalot.	
3·5	+1·1	3·3	41·64	+10·02	2·38	XII	53	+12·5	2·5	+1·0	31	80	40	27	16	5	9	45	112	9	35	19	22	7	14	40	58	161	Rawalpindi.	
3·6	+0·4	3·9	37·22	+2·45	2·62	I	65	+16·8	2·8	+1·1	1	67	5	23	0	29	6	12	222	1	27	2	41	0	125	43	40	86	Punjab, South- west Khushab.	
2·5	+0·2	3·0	18·72	-4·17	1·77	I	21	-2·9	5·5	+1·6	25	94	83	18	21	33	26	15	50	20	71	89	66	49	28	20	15	7	Montgomery.	
3·0	-0·5	3·9	18·83	+5·65	2·88	VIII	28	+6·5	2·5	+0·4	18	60	36	44	31	51	12	35	78	17	41	25	51	21	50	20	85	55	Leiah.	
1·9	-0·2	2·6	14·00	+3·44	2·22	VII	20	+1·9	1·1	-3·2	1	22	25	71	9	23	10	21	183	3	24	17	30	23	10	14	40	204	Khanpur. Kashmir. Srinagar.	
1·5	...	1·5	9·46	...	1·73	I	18	...	...	...	69	33	16	25	29	30	31	88	44	39	47	43	34	36	68	31	57	10	Dras.
2·0	+0·8	2·1	12·80	+5·60	6·14	VII	11	-1·8	3·3	+1·9	77	19	11	12	114	33	5	32	62	85	16	15	4	181	35	4	18	57	Multan.	
2·4	...	3·5	6·00	...	1·09	VII	15	...	6·6	...	26	45	47	55	48	82	16	10	36	69	45	20	5	33	66	68	45	14	Fort Abbas.	
1·9	...	2·3	7·78	+1·93	2·10	VII	12	+2·7	2·9	...	14	51	37	13	33	76	23	8	110	20	49	15	2	9	57	51	31	131	Bahawalpur.	
1·7	...	2·1	5·38	-1·27	1·85	VII	8	-1·3	4·8	...	43	65	29	10	52	112	18	15	21	38	57	13	7	81	94	64	45	16	Miranshah.	
5·4	+0·8	5·8	30·71	+4·84	2·43	II	61	+2·4	2·6	+0·2	17	10	30	120	25	17	28	50	68	49	8	14	32	16	13	26	74	133	Gilgit. N.W.F Province. Peshawar.	
4·3	+0·8	...	30·70	+9·18	1·68	II	68	+12·9	3·4	+0·8	0	0	0	0	0	3	0	0	362	...	...	...	...	...	...	...	...	...	Leh.
5·3	+0·6	...	5·16	+1·98	0·42	VIII	20	+10·4	...	...	24	35	50	5	33	14	28	3	178	...	...	...	...	...	...	...	...	...	Skardu.
4·5	0	...	7·53	+0·57	0·73	III	20	+1·8	3·9	+0·8	0	4	8	3	4	22	48	17	250	...	...	...	...	...	...	...	...	...	D.I. Khan. Baluchistan. Fort Sandeman.
5·3	+0·7	6·0	6·05	+1·24	0·79	II	19	+3·8	1·1	-0·1	1	2	3	2	1	24	27	2	303	0	2	9	10	5	23	23	6	287	Nokkundi.	
3·9	+0·1	4·6	19·44	+5·93	3·81	1	31	+5·1	2·7	+0·8	48	18	5	32	39	58	9	29	127	53	102	36	34	23	19	4	28	66	6	Quetta.
3·4	+1·3	4·6	12·17	+0·69	1·70	I	22	-0·1	3·9	...	9	23	33	34	17	11	81	94	63	9	22	70	148	68	11	10	14	13	Bannu.	
2·6	...	15·71	...	1·14	II	32	...	4·2	...	41	12	37	12	19	17	55	1	171	...	...	...	...	...	...	...	...	...	Miranshah.	
2·3	+0·2	2·4	13·27	+4·18	2·70	VII	23	+6·7	2·6	+1·3	51	77	19	13	8	7	25	28	137	31	74	40	34	25	14	2	9	136	Sibi.	
2·1	+0·1	3·8	10·86	-0·09	1·74	VII	24	-0·7	3·1	+0·9	12	23	27	11	17	29	36	17	198	35	43	54	22	24	49	52	34	52	Loralai.	
2·2	...	3·5	8·24	-0·81	1·20	II	21	+1·8	5·2	...	6	12	19	10	4	55	171	66	22	8	6	35	93	120	54	29	16	4	Ormara.	
3·1	...	3·5	4·76	...	1·54	VII</td																								

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED

STATION	Height of bar. cistern above mean sea level in feet	Pressure reduced to 32° F and standard gravity, inches				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.		Relative humidity %			
		Mean 8 hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Sind																							
Jacobabad	186	29° 580	-0° 09	29° 479	95° 5	-0° 2	120	VI	68° 9	+8° 2	34	I	75° 5	94° 0	
Sukkur	221	29° 549	...	29° 452	92° 7	...	116	VI	69° 3	...	36	I	73° 7	91° 8	65° 6	70° 7	569	...	511	63	...		
Pad-Idan	155	29° 621	...	29° 530	95° 7	...	119	VI	66° 0	...	31	XII	74° 1	94° 5	64° 4	68° 8	522	...	375	60	...		
Chhor	19	29° 770	...	29° 665	96° 3	...	116	VI	...	...	...	...	73° 3	93° 9	68° 0	78° 1	677	...	782	74	...
Hyderabad	96	29° 684	-0° 011	29° 588	95° 1	+1° 8	118	VI	69° 4	+1° 2	30	I	75° 4	92° 1	67° 2	70° 5	608	+0° 58	487	64	+4		
Karachi (Drigh Road)	78	29° 733	...	29° 652	88° 7	...	106	VI	69° 2	...	38	I	74° 5	85° 1	68° 2	70° 9	648	...	593	71	...		
Karachi (Manora)	18	29° 798	-0° 014	29° 716	83° 9	-0° 3	99	X	72° 8	+0° 9	46	I	75° 4	82° 0	70° 9	74° 3	786	+0° 51	771	79	+5		
Badin	81	29° 773	...	29° 683	94° 1	...	116	VI	67° 9	...	35	I	73° 9	91° 5	68° 0	71° 5	657	...	587	72	...		
Rajputana, West																							
Sri Ganganagar	580	29° 189	...	29° 107	91° 6	...	117	VI	62° 6	...	29	I	72° 2	87° 9	63° 5	60° 9	525	...	523	64	...		
Bikaner	784	29° 031	-0° 04	28° 946	91° 8	...	116	VI	65° 5	...	30	I	71° 9	80° 9	61° 1	67° 6	448	...	410	63	...		
Phalodi	800	28° 987	...	28° 903	98° 1	...	115	VI	66° 3	...	26	I	72° 0	90° 8	...	...	...	...	...	...	...
Jodhpur	736	29° 051	-0° 012	28° 945	92° 3	+0° 6	114	VI	67° 4	+1° 1	34	I	72° 7	90° 4	62° 4	67° 7	471	+0° 14	403	58	+2		
Barmer	638	29° 149	...	29° 047	93° 7	...	115	VI	68° 9	...	35	I	74° 8	91° 7	65° 0	70° 1	540	...	479	56	...		
Rajputana, East																							
Jaipur	1,431	28° 357	-0° 015	28° 273	89° 0	-1° 1	111	VI	65° 3	+0° 9	34	I	78° 8	85° 9	62° 1	65° 3	443	-0° 017	379	51	-1		
Ajmer	1,593	28° 196	-0° 022	28° 109	87° 5	-1° 0	109	VI	64° 6	-0° 6	34	I	78° 3	84° 8	63° 0	66° 1	470	-0° 014	429	57	-5		
Kotah	843	28° 950	-0° 011	28° 847	91° 8	-0° 3	115	VI	69° 7	-0° 3	41	I	75° 3	88° 7	63° 7	67° 9	474	-0° 001	429	53	+3		
Brijnagar	1,053	28° 732	...	28° 628	90° 7	...	113	VI	66° 6	...	41	I	73° 5	87° 7	63° 8	68° 6	501	...	470	58	...		
Rajssamand	1,882	27° 954	...	27° 871	87° 4	...	107	VI	67° 9	...	36	I	72° 3	84° 4	63° 6	67° 5	504	...	477	62	...		
Gujarat.																							
Deesa	466	29° 342	-0° 010	29° 281	93° 3	-0° 9	111	VI	67° 3	+0° 4	39	I	76° 0	91° 1	66° 1	70° 3	553	+0° 022	498	56	-1		
Bhuj	343	29° 478	+0° 005	29° 382	91° 2	+0° 1	107	IV	69° 0	+0° 6	39	I	74° 8	89° 3	66° 8	68° 7	591	-0° 036	451	63	-4		
Dwarka	37	29° 800	-0° 002	29° 722	84° 1	-0° 3	98	III	73° 0	+0° 1	50	I	76° 7	81° 5	72° 4	73° 0	734	-0° 003	726	76	-1		
Jamnagar	60	29° 776	+0° 001	...	88° 8	-0° 7	105	VI	69° 7	+1° 6	48	I	77° 1	...	69° 2	...	645	-0° 018	64	-4	-4		
Rajkot	432	29° 382	-0° 009	29° 279	98° 4	+0° 5	110	VI	67° 0	+0° 9	34	I	74° 3	91° 1	66° 6	69° 7	599	-0° 01	468	64	-1		
Veraval	26	29° 805	-0° 010	29° 717	88° 1	+3° 3	105	III	69° 7	-1° 6	41	I	77° 8	82° 2	70° 5	76° 6	687	+0° 016	857	69	-2		
Surat	39	29° 789	-0° 010	29° 693	92° 9	+1° 4	109	IV	71° 7	+1° 8	49	I	76° 7	89° 4	69° 8	74° 3	673	-0° 02	662	69	-1		
Rhavnagar	55	29° 770	-0° 013	29° 659	94° 0	+0° 4	111	V	68° 7	-0° 5	42	I	75° 0	91° 0	65° 4	72° 2	541	-0° 034	564	57	-2		
Ahmedabad	163	29° 669	0	29° 548	93° 3	-1° 3		VI	71° 4	+0.8	46	I	77° 0	90° 8	67° 2	70° 6	575	-0° 01	501	58	-1		
Dohad	1,093	28° 723	...	...	90° 3	...	109	III	67° 6	...	43	I	73° 1	...	65° 7	...	570	...	67	...	
Baroda	116	29° 709	...	29° 595	94° 1	...	111	IV	66° 1	...	36	I	75° 1	89° 7	67° 7	73° 3	622	...	596	66	...		
Central India, West																							
Neemuch	1,626	28° 189	-0° 005	28° 107	88° 5	-0° 3	109	V, VI	65° 4	+0° 9	37	I	73° 5	86° 1	62° 4	66° 4	481	-0° 034	417	54	-4		
Indore	1,823	27° 987	-0° 013	27° 897	88° 3	+0° 1	108	IV	63° 8	-0° 1	41	I, XII	71° 5	85° 9	62° 2	65° 5	468	-0° 053	384	60	-2		
Bhopal	1,643	28° 167	...	28° 067	88° 7	...	110	IV, VI	65° 4	...	41	I, XII	73° 7	86° 0	63° 3	67° 1	474	...	443	58	...		
Guna	1,571	28° 227	...	28° 130	88° 7	...	112	VI	63° 5	...	35	I	70° 7	85° 7	62° 1	66° 6	470	...	429	62	...		
Gwallor	681	29° 103	...	29° 085	90° 6	...	115	VI	66° 8	...	36	XII	75° 1	87° 2	64° 0	74° 6	491	...	437	56	...		
Madhosagar	757	29° 017	...	28° 926	90° 8	...	115	VI	69° 8	...	41	I	76° 2	87° 3	64° 2	67° 3	496	...	432	56	...		
Central India, East																							
Nawong	750	29° 035	-0° 001	28° 098	90° 4	+1° 1	115	VI	66° 0	-0° 6	37	I	71° 7	87° 5	63° 9	69° 2	537	+0° 002	501	67	+2		
Sutna	1,041	28° 728	-0° 008	28° 634	...	...	114	VI	65° 8	-0° 1	39	I	73° 5	85° 5	64° 7	69° 6	550	+0° 027	546	65	+3
Umaria	1,506	28° 268	...	28° 177	88° 8	...	114	VI	65° 1	...	38	XII	72° 8	84° 7	63° 6	67° 8	502	...	480	62	...		
Bihar																							
Akola	925	28° 874	-0° 017	28° 751	98° 7	+0° 5	115	IV	68° 4	+1° 0	43	XII	75° 0	90° 8	64° 5	69° 3	495	-0° 010	443	56	0		
Amracti	1,213	28° 584	-0° 012	...	91° 6	-1° 5	113	IV	70° 7	+1° 5	51	XII	76° 4	...	65° 5	...	507	-0° 011	56	-1	...		
Central Provinces, West																							
Khandwa	1,044	28° 754	-0° 017	28° 638	92° 6	+0° 6	114	VI	66° 9	-0° 2	41	XII	74° 3	89° 8	64° 0	68° 9	491	-0° 008	444	55	-3		
Hoshangabad	902	28° 798	-0° 024	28° 684	20° 3	+0° 5	113	IV, VI	68° 1	+0° 4	46	XII	74° 0	88° 0	63° 9	68° 5	488	-0° 028	457	58	-2		
Saugor	1,808	27° 984	-0° 007	27° 800	87° 4	-0° 6	111	VI	67° 7	+1° 2	41	I	78° 7	84° 0	62° 0	64° 9	433	-0° 032	381	53	-2		
Jubbulpore	1,280	28° 500	+0° 001	28° 397	89° 9	+1° 7	114	VI	64° 4	+0° 8	38	I	71° 8	86° 6	63° 6	69° 1	508	-0° 009	507	65	0		
Seoni	2,027	27° 773	-0° 009	27° 684	88° 1	+0° 5	113	VI	65° 6	+1° 0	43	XII	73° 5	84° 2	63° 1</								

8 HRS. L. M. T. AND 17 HRS. I. S. T. (11—30 HRS. G.M.T.) FOR THE YEAR 1942

Cloud amount, (tenths of sky)				Rainfall, inches				Number of rainy days, (0·10" or more)		Wind velocity, miles per hour		Wind direction—Number of winds during the year from													STATION					
Mean 8 hrs. I. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Total of the year	Departure from normal	Heaviest rain during the year in 24 hours	Month	Total	In the year	Departure from normal	Mean	Departure from normal	8 hrs. L. M. T.						17 hrs. I. S. T.												
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
1·7	0	2·1	3·00	-0·68	0·85	VII	8	+0·5	3·8	+1·3	28	28	72	112	84	9	10	25	52	36	22	20	93	78	44	16	83	23	Sind	
1·6	...	1·0	3·32	...	1·35	VII	7	...	3·3	...	20	30	35	40	33	42	5	2	38	30	56	11	40	18	56	72	22	Jacobabad.		
1·7	...	1·6	4·94	...	1·24	VII	9	...	6·5	...	37	27	24	107	54	18	24	33	46	73	39	14	56	66	25	29	41	22	Sukkur.	
1·8	...	1·4	5·18	...	1·90	VII	8	...	7·5	...	24	57	9	16	41	181	6	8	23	33	28	2	6	26	220	20	26	4	Chhor.	
2·2	+0·2	2·1	3·74	-3·38	0·73	II	10	+0·4	7·1	0	44	5	1	2	63	128	49	52	26	50	21	8	6	91	114	25	31	24	Hyderabad.	
3·9	...	2·7	9·96	...	2·97	VII	13	...	9·5	...	20	31	6	0	0	23	140	48	97	3	10	17	7	10	128	164	16	10	Karachi (Drigh Road).	
3·7	+0·1	2·7	13·11	+5·55	8·76	VII	11	+1·7	8·1	-0·8	27	69	24	4	0	43	146	43	9	2	7	12	6	19	167	147	5	0	Karachi (Manora.) Badin.	
1·6	...	1·4	11·17	...	3·62	VII	14	...	...	...	64	20	3	6	8	120	115	15	10	52	37	4	8	17	94	111	28	9	Rajputana, West
2·3	...	2·0	12·68	...	2·68	VIII	20	...	4·9	...	27	28	46	71	29	70	29	26	46	42	29	34	15	11	45	41	111	87	Sri Ganganagar.	
1·5	-0·7	1·9	27·36	...	5·18	IX	28	...	3·8	-0·7	8	22	16	68	33	110	26	27	56	28	60	16	19	9	93	38	78	24	Bikaner.	
2·5	...	3·3	6·44	-2·66	1·03	VI	13	-1·1	8·7	...	20	20	21	50	52	112	57	12	21	54	40	18	16	36	85	69	43	5	Phalodi.	
2·5	+0·6	2·8	14·50	+0·97	3·12	VII	32	+13·1	6·9	-0·7	4	101	17	7	6	81	79	11	59	25	55	20	17	12	85	76	88	37	Jodhpur.	
1·1	...	1·9	12·05	...	3·84	VIII	20	...	5·7	...	21	11	4	3	36	74	60	72	85	80	39	17	14	40	85	60	38	52	Barmer.	
2·6	-0·5	3·3	30·64	+6·43	5·17	VIII	46	+10·3	5·2	+0·9	44	49	48	10	9	19	44	55	87	53	24	24	10	10	46	78	92	28	Rajputana, East Jaipur.	
2·7	0	3·3	30·58	+9·93	3·22	VIII	43	+18·0	5·3	+1·5	6	16	6	7	12	60	94	20	144	27	38	13	12	75	113	46	29	Ajmer.		
3·1	+0·6	3·7	42·77	+14·54	4·02	VIII	48	+12·2	2·7	0	3	8	8	2	2	41	103	38	166	33	30	22	5	5	25	100	88	62	Kotah.	
2·7	...	3·3	66·86	...	7·27	VIII	61	...	4·3	...	20	14	18	23	19	26	117	37	92	49	73	30	10	6	25	106	51	15	Brijnagar.	
2·8	...	3·7	19·72	...	2·60	VIII	34	...	6·4	...	86	4	8	3	11	76	70	118	39	88	13	38	34	8	53	71	79	81	Rajsamand.	
2·9	-0·4	2·3	17·65	-7·05	3·05	VI	21	-7·7	6·9	-0·8	20	76	44	6	22	83	49	13	52	34	34	8	14	22	99	87	46	22	Gujarat Deesa.	
3·0	-0·1	2·6	7·73	-6·66	3·33	VIII	8	-8·3	6·7	-0·9	7	7	3	2	12	88	113	26	107	46	34	15	2	6	65	145	45	7	Bhuj.	
3·6	+0·2	3·1	6·02	-7·50	2·24	VIII	12	-4·6	10·1	+0·4	49	45	17	6	5	92	96	43	12	24	26	4	0	2	84	149	78	0	Dwarka.	
3·9	+1·7	...	9·31	-10·75	3·20	VIII	10	-11·2	9·2	-0·5	24	35	20	13	5	98	104	12	54	...	...	...	...	...	...	...	...	...	Jamnagar.
3·2	-0·2	3·0	19·73	-6·56	3·48	VII	23	-8·2	9·9	+3·0	30	40	24	14	8	72	99	40	38	52	54	17	6	6	44	86	94	6	Rajkot.	
3·4	-0·1	3·0	10·14	-8·66	0·97	VI	24	-1·3	12·5	+5·5	51	73	12	1	8	23	93	105	4	4	3	2	4	22	50	195	86	0	Veraval.	
5·0	+1·5	3·9	53·52	+12·55	7·32	VIII	59	+12·3	5·5	+0·9	31	60	36	39	29	71	41	39	19	16	30	13	8	35	113	68	79	3	Surat.	
3·5	+0·1	3·6	25·89	+4·69	2·81	VIII	37	+7·3	5·1	-0·3	21	7	0	2	5	66	132	118	14	48	56	66	41	43	48	42	15	6	Bhavnagar.	
3·6	+0·3	3·2	47·72	+18·89	5·37	VII	35	0	3·9	+0·1	29	58	49	2	11	63	72	49	32	32	37	26	10	18	62	76	62	42	Ahmedabad.	
4·3	...	...	37·30	...	5·89	VIII	46	...	10·3	...	9	42	43	25	25	71	109	7	84	...	...	...	...	...	...	...	...	Dohad.	
3·1	...	3·0	25·27	...	8·11	VIII	38	...	3·4	...	25	35	7	2	17	74	52	7	141	35	28	10	1	12	53	101	61	59	Baroda.	
3·1	+0·2	4·0	37·44	+8·25	2·55	VII	43	+6·8	5·9	-0·2	10	118	8	4	2	137	26	17	43	11	114	7	6	1	125	45	24	32	Central India, West Neemuch.	
3·3	-0·4	3·9	80·46	+6·34	7·12	VII	45	-0·8	4·5	+1·3	9	53	25	20	7	37	106	38	70	42	68	12	8	10	51	100	60	14	Indore.	
3·3	...	3·8	55·08	...	4·71	VII	63	...	3·9	...	18	26	19	8	5	29	100	49	111	34	53	25	13	8	29	97	55	51	Bhopal.	
2·7	...	3·1	71·37	...	4·10	VII	67	...	4·5	...	27	18	46	39	18	45	56	34	82	74	33	21	12	12	88	77	87	11	.Guna.	
2·4	...	2·7	42·52	...	5·48	IX	44	...	3·0	...	15	17	17	16	28	31	54	58	129	67	30	20	12	11	21	55	108	41	41	Gwalior.
2·8	...	3·1	54·17	...	7·81	IX	49	...	6·0	...	32	18	8	7	27	141	57	22	53	98	37	14	16	8	45	46	91	10	Madhosagar	
3·2	-0·5	3·6	55·66	+12·92	5·42	VII	53	+5·0	2·9	+1·0	0	30	22	6	40	151	44	20	43	65	51	20	11	9	53	65	86	5	Central India, East Nowrang.	
3·6	0	3·9	53·55	+8·78	5·50	VII	69	-14·1	3·1	-0·5	6	12	22	22	21	88	69	24	101	27	36	11	13	9	43	41	112	73	Sutna.	
4·3	...	4·9	60·03	...	4·10	VII	88	...	...	...	6	9	21	23	19	36	42	15	150	68	33	14	9	7	21	60	66	70	Umaria.
3·2	-0·7	4·1	40·56	+9·21	3·23	VIII	60	+14·6	5·5	+1·0	14	27	22	34	20	41	35	130	42	41	67	27	21	10	20	33	138	8	Akola.	
3·9	+0·4	...	39·66	+6·61	3·25	VIII	54	+6·4	7·2	+2·8	23	24	31	3	33	49	97	5	0	...	...	...	...	...	...	...	...	Central Provinces, West Khandwa.	
2·9	-0·4	3·0	44·91	+15·28	5·35	VIII	54	+12·6	5·9	...	28	24	33	6	29	26	153	20	46	71	49	11	6	21	13	189	47	8	Hoshangabad.	
4·5	+1·0	5·0	59·18	+10·35	5·95	VII	64	+8·7	2·8	+0·4	5	22	90	24	12	35	67	4	106	10	19	43	24	9	34	81</				

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION	Height of barometer above mean sea level in feet	Pressure reduced to 32°F. and standard gravity, inches		Maximum temperature, °F.					Minimum temperature, °F.					Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, inches			Relative humidity, %			
		Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
Central Provinces, East																										
Pendra . . .	2,040	27.758	—·008	27.562	·6·3	+2·6	111	VI	66·1	+2·1	48	I	73·8	82·1	63·6	66·4	·484	—·017	464	61	—4	47				
Raipur . . .	970	28.815	—·005	28.729	91·2	+1·0	115	IV, VI	...	...	50	I, XII	76·2	88·2	67·5	71·5	·587	+·023	·570	65	+1	47				
Kanker . . .	1,318	28.475	...	28.375	89·7	...	112	VI	68·4	...	45	XII	74·1	87·0	67·2	71·8	·601	...	·591	71	...	49				
Chanda . . .	634	29.162	—·014	29.048	92·7	—0·1	115	IV, V, VI	70·1	+1·5	45	XII	75·8	90·3	68·2	70·0	·613	+·020	·585	69	+4	44				
Jagdalpur . . .	1,815	27.994	—·002	27.891	88·9	+1·4	112	V	66·7	+1·0	43	XII	73·2	88·2	67·3	69·1	·607	—·030	·544	74	—3	51				
Konkan																										
Bombay . . .	87	29.792	—·018	29.708	87·7	+1·1	97	XI	74·5	+0·9	62	I	78·8	82·9	73·5	75·5	·777	+·009	795	77	—1	70				
Allibag . . .	23	29.821	...	...	86·1	...	97	X, XI	73·3	...	58	I	78·7	...	72·2	70·0	·725	...	...	72	...	..	..
Batnagiri . . .	211	29.634	—·001	29.551	87·1	—0·1	96	X, XI	74·3	+1·1	60	I	79·6	83·1	72·7	75·0	·734	+·017	829	72	0	71				
Marmagao . . .	102	29.643	—·002	29.548	85·6	...	95	X	75·1	...	65	I	79·2	83·1	74·1	76·0	·792	...	814	77	...	71				
Honavar . . .	85	29.776	...	29.680	87·8	...	96	II	73·7	...	63	XI	79·1	84·1	74·2	76·9	·737	...	·840	80	...	72				
Bombay, Deccan																										
Jalgaon . . .	600	29.396	...	...	93·7	...	114	IV	68·0	...	46	XI	74·9	...	65·8	...	·559	...	...	60	...	...	...
Malegaon . . .	1,432	28.381	—·015	28.271	92·5	+0·3	110	IV	64·2	—1·1	39	XII	73·5	89·8	63·7	70·3	·488	—·024	·490	57	0	38				
Ahmednagar . . .	2,154	27.184	—·016	27.574	90·7	+1·1	108	IV	66·2	+2·2	45	XII	74·4	87·5	62·6	66·4	·433	—·071	·398	52	—8	33				
Poona . . .	1,834	28.007	—·006	27.896	90·6	+1·2	109	IV	64·0	+0·2	42	XII	72·1	86·7	64·6	68·4	·529	+·008	·467	66	—1	41				
Sholapur . . .	1,570	28.255	—·009	28.127	93·8	+2·4	110	IV, V	70·0	+1·7	48	XII	76·0	91·3	64·9	68·7	·487	—·012	·424	54	—1	32				
Miraj . . .	1,817	28.019	...	27.904	90·7	...	108	IV	67·5	...	47	XII	73·8	87·3	67·4	73·0	·597	...	·628	71	...	52				
Bijapur . . .	1,950	27.900	+·005	27.776	90·9	+0·3	107	V	68·4	+0·6	49	XII	75·6	89·3	66·0	69·6	·525	—·041	·479	59	—6	37				
Belgaum . . .	2,562	27.311	—·002	27.220	84·4	—0·2	101	IV, V	65·1	+1·0	51	XII	70·8	81·1	65·4	68·3	·564	+·024	·534	75	+4	54				
Gadag . . .	2,131	27.719	...	27.608	89·0	...	105	IV, V	68·7	...	58	I, XI, XII	74·6	86·9	67·7	70·4	·598	...	·539	70	...	45				
Hyderabad, North																										
Aurangabad . . .	1,905	27.039	—·012	27.825	90·5	—0·1	100	IV	67·6	+1·5	47	XII	75·3	87·9	64·4	68·6	·492	+·007	·464	53	—2	39				
Nizamabad . . .	1,250	28.650	—·018	28.433	92·2	+0·2	112	IV, V, VI	70·3	+1·7	45	XII	76·5	89·6	67·1	70·2	·553	—·041	·492	62	—2	38				
Hyderabad, South																										
Gulbarga . . .	1,03	28.312	—·017	28.185	93·4	+0·6	111	V	70·6	+1·5	50	XII	77·1	90·5	66·4	69·2	·523	—·044	·462	57	—6	34				
Raichur . . .	1,311	28.515	—·005	28.385	92·9	+0·5	110	V	73·1	+1·8	57	XII	76·8	90·6	68·8	70·6	·599	—·007	·491	63	—1	35				
Hyderabad (Begumpet)	1,778	28.042	0	27.932	91·3	+1·0	110	VI	69·5	+1·1	47	XII	75·6	87·4	68·6	71·5	·620	+·008	·575	71	+1	46				
Hanamkonda . . .	181	28.919	—·019	28.808	92·3	+1·1	114	VI	72·5	+1·4	51	XII	77·7	89·5	70·7	71·9	·672	+·024	·560	70	+1	43				
Khammameth . . .	367	29.451	...	...	93·7	...	114	V, VI	73·1	...	53	XII	77·9	...	72·7	73·1	·741	...	...	79	...	...		
Mysore																										
Chitaldrug . . .	2,405	27.457	—·001	27.349	86·9	—0·1	102	IV	68·4	+0·9	57	XII	72·5	84·3	66·9	67·8	·589	+·014	·478	73	+3	43				
Hassan . . .	3,149	26.764	+·001	...	83·4	+0·1	99	IV	61·6	—1·1	53	XI	70·2	...	65·5	...	·690	+·012	...	79	+1	...				
Bangalore . . .	3,021	26.881	+·003	26.787	84·4	+0·7	99	V	65·5	+1·7	54	I	70·2	81·2	65·3	66·1	·574	—·007	·473	77	—2	47				
Mysore . . .	2,518	27.363	—·007	27.271	84·7	—1·6	98	IV	66·9	+1·0	58	I, XI	71·1	82·9	67·0	67·6	·613	+·007	·489	81	+5	47				
Malabar																										
Mangalore . . .	72	29.785	—·005	29.691	87·1	—0·6	94	IV, XII	75·3	+1·0	69	I, VI, XI	79·3	88·9	74·9	77·1	·819	+·034	·848	81	+3	73				
Calicut . . .	27	29.834	—·001	29.737	88·0	+1·6	94	IV	75·3	+0·8	68	XI	80·0	84·9	75·8	78·9	·844	+·020	·910	82	—2	77				
Cochin . . .	10	29.661	+·003	29.762	85·6	—2·2	91	II, III, IV	75·9	+0·9	70	XI	80·0	88·3	75·8	77·5	·846	+·041	·875	82	+2	76				
Trivandrum . . .	200	29.648	—·009	29.558	87·5	...	95	V	74·5	—0·6	66	XII	78·8	83·4	75·0	76·5	·832	+·041	·829	85	+3	73				
Madras, Southeast																										
Pamban . . .	37	29.802	—·001	29.708	88·0	+0·3	93	V, VI	78·5	+1·0	72	XII	82·4	88·8	78·8	79·0	·947	+·082	·939	85	+5	80				
Madura . . .	437	29.397	—·010	29.278	93·0	...	104	V	75·7	...	65	I	81·0	89·5	73·2	73·9	·720	...	·636	68	...	47				
Negapatam . . .	31	29.803	—·004	29.704	89·5	—0·7	103	V	77·6	+1·4	69	I	81·2	85·5	74·9	77·0	·702	—·024	·824	74	—2	67				
Trichinopoly	256	29.591	—·008	29.466	93·5	—0·8	105	IV, V, VI	75·6	+1·3	64	I	80·1	90·7	73·3	74·6	·738	—·041	·651	71	—1	46				
Coimbatore . . .	1,341	28.503	—·009	28.392	88·4	—1·5	100	IV, V	71·1	+1·4	61	I	76·1	85·1	70·7	71·6	·687	—·037	·610	76	—5	51				
Salem . . .	913	28.926	—·009	28.795	82·7	—0·3	103	IV, V																		

8 HRS. L. M. T. AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.) FOR THE YEAR 1942.

Mean 8 hrs. I. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Rainfall, inches			Number of rainy days (0°10° or more)	Wind velocity, miles per hour	Wind direction—Number of winds during the year from																STATION					
			Total of the year	Departure from normal	Heaviest fall dur. ing the year in hours	Month		Total in the year	Departure from normal	Mean	3 hrs. L. M. T.								17 hrs. I. S. T.										
			24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
5·1 +1·8	5·7	63·86	+13·80	3·82	VII	76	+2·5	4·1	+0·6	58	20	8	18	68	36	36	66	55	73	33	11	31	44	31	27	98	22	Central Provinces	
4·4 +0·7	3·5	51·97	+1·14	4·16	IX	56	-7·3	4·3	+0·2	39	47	24	15	7	56	66	23	88	17	25	16	7	7	37	29	17	210	East. Pendra.	
4·6 ...	5·2	48·20	...	7·21	VIII	59	...	4·4	...	2	1	0	10	5	54	27	14	252	12	13	2	27	14	78	80	80	59	Raipur.	
4·1 +0·4	4·5	47·86	-4·04	2·23	VII	73	+10·5	3·9	+1·1	25	11	35	35	27	29	76	28	98	44	58	44	19	21	35	65	30	47	Kanker.	
4·5 +0·4	5·5	57·10	-6·70	4·77	VIII	77	-5·4	...	...	2	9	2	1	31	31	11	2	276	5	23	4	9	20	32	23	9	240	Chanda.
5·7 ...	5·8	57·10	-6·70	4·77	VIII	77	-5·4	...	...	2	9	2	1	31	31	11	2	276	5	23	4	9	20	32	23	9	240	Jagdalpur.
3·9 -0·4	3·4	31·73	+11·10	7·03	VI	69	-3·5	6·1	-4·4	47	73	73	29	19	31	43	35	15	70	0	0	0	0	0	38	96	160	1	Konkan.
4·4	84·07	...	6·79	VI	75	...	7·6	...	19	44	41	43	13	57	26	24	98	Bombay.
4·4 +0·5	4·5	112·83	+12·85	10·73	VI	98	+5·3	6·8	+0·2	48	49	59	51	22	41	47	48	0	21	1	0	1	5	51	149	187	0	Alibag.	
4·8 +0·1	4·5	91·86	...	6·70	VII	106	...	8·4	...	25	55	116	25	22	33	43	41	5	2	0	2	1	9	72	160	119	0	Ratnagiri.	
5·7 ...	5·8	150·78	+12·93	8·50	VI	113	+3·3	3·3	...	4	12	142	86	11	15	40	19	36	2	5	4	3	16	36	166	121	12	Horavar.	
3·5	36·09	+7·03	4·69	VIII	49	+3·8	1	7	66	0	1	0	241	1	48	Bombay,
3·5 +0·5	4·4	20·07	-2·16	2·60	VI	33	-1·5	5·8	-0·6	23	4	7	3	5	19	233	30	41	48	69	33	5	12	24	140	29	5	Deccan	
3·6 +0·7	4·6	25·41	+3·08	4·03	VI	41	+4·9	5·9	-0·9	25	15	2	14	16	54	56	157	20	33	80	23	12	11	72	82	51	1	Jalgaon.	
3·8 +0·3	4·6	29·35	+2·24	2·34	VII	39	-8·4	3·8	...	1	2	5	6	15	87	125	10	114	16	26	12	18	4	17	155	64	53	Ahmednagar.	
4·3 +0·3	5·7	17·47	-10·98	4·65	VI	34	-7·3	6·6	-0·9	75	9	60	27	43	36	76	29	10	78	28	54	22	44	46	69	22	2	Poona.	
4·1 ...	4·9	19·05	...	1·76	VI	45	...	7·3	...	14	13	56	12	6	24	109	56	75	14	37	65	24	4	22	124	47	28	Shoapur.	
3·8 +0·2	4·8	19·38	-1·52	1·73	VI	37	+0·9	5·2	-0·1	40	35	18	27	30	74	78	58	5	39	75	31	38	13	36	69	59	5	Miraj.	
3·9 -0·7	4·3	63·79	+13·66	4·09	VII	85	+4·1	4·3	-5·4	38	67	53	8	17	15	148	16	3	20	60	37	10	15	166	56	1	Bijapur.		
8·0 ...	8·3	18·42	...	1·67	XII	42	...	7·8	...	4	45	39	17	6	76	105	32	16	14	73	53	15	5	49	88	41	8	Belgaum.	
3·1 -0·6	4·1	30·35	+2·82	3·65	XII	49	+5·4	7·9	+1·0	18	60	66	7	9	44	112	12	37	60	35	38	16	22	34	104	40	16	Gadag.	
3·9 +0·2	4·5	46·26	-6·18	2·85	VII	64	+8·3	4·3	+0·4	7	18	9	12	20	91	27	29	152	37	73	26	17	13	66	36	32	72	Nizamabad.	
3·8 +0·5	5·1	16·35	-14·73	3·55	VIII	27	-21·3	9·1	+2·4	27	62	38	25	26	50	76	35	18	47	57	45	29	33	45	56	47	6	Gulbarga.	
4·4 +0·9	5·3	22·80	-5·20	2·62	IX	37	-7·7	...	...	16	23	41	70	26	83	59	41	7	30	58	73	68	12	26	49	48	1	Raichur.
5·0 +0·9	5·4	25·47	-6·19	2·28	VII	44	-6·1	7·8	+2·2	20	19	52	40	11	34	83	55	51	35	68	60	49	15	25	63	43	7	Hyderabad. (Begumpet).	
4·7 +0·4	4·9	34·97	+0·55	2·20	VIII	61	+10·5	6·3	+1·4	49	17	4	76	63	22	68	44	22	69	52	16	72	42	8	48	46	12	Hanamkonda.	
5·6 ...	...	30·57	...	2·25	VI	76	...	5·0	...	72	3	49	73	34	21	60	18	35	...	...	...	...	...	...	...	...	...	Khammameth.
5·9 +1·1	6·0	23·00	-1·90	2·88	VI	46	-1·1	6·1	+0·8	4	11	54	29	9	58	145	26	29	16	35	111	17	3	28	106	33	16	Mysore.	
5·2 -0·2	..	32·86	-2·47	2·36	X	74	+6·9	6·1	+2·4	4	26	31	42	9	125	68	34	26	...	...	...	...	...	...	...	...	...	Hassan.
6·2 +1·0	6·4	32·66	-2·71	2·82	XI	54	-4·9	7·8	+2·7	2	16	101	32	1	44	138	27	4	19	53	92	39	7	23	82	44	6	Bangalore.	
5·7 +0·1	6·1	38·84	+7·44	3·24	V	59	+4·2	6·5	-0·2	15	45	36	16	18	62	130	17	27	26	69	70	17	5	81	119	15	13	Mysore.	
5·6 ...	...	131·91	+6·23	4·61	VI	113	-3·5	5·1	+2·2	32	60	167	20	5	16	18	20	27	16	1	6	4	7	49	86	196	2	Majabbar.
5·9 +0·9	6·1	136·69	+19·53	4·91	VI	114	+0·1	6·4	+1·0	29	82	126	26	6	9	13	62	12	6	8	5	2	6	23	170	145	0	Mangalore.	
5·7 +0·9	5·8	124·83	+10·27	3·75	X	119	-0·5	6·1	+1·6	20	131	117	29	2	2	17	24	23	10	4	2	5	3	27	182	130	2	Calicut.	
5·6 -0·1	6·6	66·67	+2·06	3·94	VII	101	+6·2	5·5	+1·3	169	55	37	9	0	2	4	40	49	15	7	3	1	22	67	181	108	11	Cochin.	
5·6 +0·4	5·7	18·71	-3·58	1·88	X	41	-3·4	3·4	-0·1	6	15	9	1	36	53	16	0	229	2	17	31	17	50	88	87	4	Trichinopoly.		
5·4 +0·9	5·7	18·71	-3·58	1·88	X	41	-3·4	3·4	-0·1	6	15	9	1	36	53	16	0	229	2	17	31	17	50	88	87	4	119	Comptore.	
5·6 +1·0	6·3	30·26	-9·04	2·53	IV	53	-10·4	6·0	+1·7	2	45	83	2	35	80	44	7	67	10	45	103	15	21	70	65	16	10	Salem.	
6·0 +1·5	6·0	37·78	-15·16	3·12	IX	49	-7·4	6·6	+3·1	26	3	5	2	25	98	82	97	27	6	69	68	135	20	28	27	8	4	Cuddalore.	
4·9 +1·2	5·5	25·77	-16·64	2·07	X	46	-10·2	4·9	+2·2	15	20	6	8	27	70	67	101	51	11	67	72	68	23	41	39	49	0	Vellore.	
6·0 +1·3	6·0	35·22	-15·56	5·00	XI	47	-10·3	9·1	-0·2	11	21	11	11	29	85	110	85	2	20	75	51	141	29	8	20	20	1	Madras.	

TABLE II.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION	Height of barometer above mean sea level in feet	Pressure reduced to 32° F. and standard gravity, inches				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches				Relative humidity, %		
		Mean 8 hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal	Mean 17 hrs. I. S. T.	Departure from normal	Mean 1 hrs. I. S. T.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Madras, Decan.																								
Cuddapah	428	29·407	0	29·269	94·6	-1·0	111	V	75·2	+0·7	58	XI	81·4	91·7	73·9	75·8	751	+0·40	693	70	+3	48		
Bellary	1,473	28·351	-0·013	28·226	92·2	-1·1	107	IV, V	72·3	+1·4	58	XII	77·4	89·9	68·5	69·7	586	+0·10	466	62	+1	75		
Kurnool	923	24·808	-0·08	28·763	94·2	+0·4	111	V	72·6	+1·4	54	XI, XII	78·2	91·9	69·6	71·3	719	-0·19	502	64	-4	35		
Rentchintala	348	29·467	...	29·337	95·9	...	116	VI	74·9	...	56	XII	80·6	92·6	72·9	74·6	723	...	632	69	...	43		
Madras Coast, North.																								
Nellore	66	29·760	+0·01	29·049	98·0	-0·7	112	V	78·2	+1·0	59	III	81·6	87·8	74·7	76·2	778	-0·15	758	73	-3	59		
Masulipatam	10	29·810	-0·009	29·708	89·4	-1·1	118	V	75·7	+1·2	...	...	79·9	85·7	74·8	76·2	806	-0·38	788	78	-3	64
Cocanada	26	29·786	-0·11	29·687	89·3	0	115	V	75·2	+0·2	62	XII	79·5	85·9	75·4	77·7	843	+0·46	853	82	+4	69		
Vizagapatam	126	29·673	-0·009	29·784	86·9	-0·1	103	VI	76·1	+0·7	61	II	80·3	83·5	74·8	75·9	771	+0·17	805	73	0	69		
Callingapatam	19	29·784	-0·01	29·691	88·1	-0·4	103	VI	74·6	+0·8	59	II	78·6	83·2	74·1	76·5	804	-0·01	843	81	0	73		
Hill Stations excluding Kashmir and Baluchistan.																								
Shillong	4,921	25·84	+0·13	25·017	70·6	+0·7	81	VIII	53·6	+0·2	33	I	61·2	63·7	56·6	60·1	422	+0·07	486	76	+2	81		
Cherrapunji	4,309	25·642	+0·11	25·574	69·4	+0·7	82	VI	58·0	+0·9	41	II	68·6	64·3	59·1	60·9	463	-0·08	507	77	-4	83		
Ajral	3,599	
Darjiling	7,432	22·905	0	22·842	60·6	+2·2	72	VII, VIII	48·7	+1·1	31	I	53·0	54·2	50·8	52·1	365	+0·10	382	87	+2	88		
Kailimpong	3,966	25·976	+0·27	25·892	71·1	+1·6	82	VI, VII	58·3	+0·7	40	I	63·6	66·2	60·2	62·0	498	+0·13	523	81	-3	79		
Katmandu	4,388	25·613	...	25·532	...	...	97	VI	53·8	+0·7	29	I	59·5	71·3	56·2	66·4	455	...	615	82	...	78
Muktesar	7,592	22·784	-0·008	22·742	63·9	+0·3	84	VI	49·7	+1·8	27	I	53·7	58·7	46·3	51·1	254	-0·18	309	59	-2	63		
Mussooree	6,940	23·333	+0·05	23·294	65·1	+1·2	88	VI	50·8	+0·1	28	I	56·4	59·7	49·3	52·6	299	-0·10	340	63	-2	67		
Simla	7,224	23·066	+0·008	23·037	63·1	+0·7	85	VI	50·8	+1·6	28	I	55·5	59·0	46·4	50·8	241	-0·16	298	52	0	58		
Murrec	7,113	23·154	+0·030	23·131	62·5	+0·8	89	VI	47·6	+1·2	18	I	53·9	58·6	46·1	50·0	255	-0·12	296	58	+2	59		
Wana	4,456	25·395	...	25·319	76·6	...	104	VI	51·4	...	24	I	58·6	74·3	51·4	56·8	337	...	286	65	...	35		
Cherat	4,272	...	...	...	72·6	0	103	VI	57·4	+0·9	26	I	62·1	...	53·5	...	341	+0·30	...	57	+5	...
Parachinar	5,673	24·405	+0·19	24·368	71·0	+0·7	99	VI	49·5	+1·6	17	I	58·3	66·6	48·9	53·2	282	...	204	58	-3	42		
Drosh	4,700	...	...	...	70·8	-1·9	100	VII	53·1	+1·2	23	I	56·3	...	48·0	...	273	-0·15	...	57	-1	...
Abu	3,945	...	...	...	77·0	+1·2	96	VI	61·5	-0·5	35	I	68·3	74·2	57·5	60·8	367	-0·01	393	54	0	47
Pachmarhi	3,528	26·377	0	26·302	81·2	+1·3	101	IV	61·2	+0·2	34	I	70·3	78·6	61·2	64·2	440	+0·04	436	61	-1	48		
Malabaleshwar	4,534	26·491	...	25·432	76·1	...	94	IV	61·2	...	30	II	66·3	70·5	58·5	63·2	407	...	400	65	..	67		
Mercara	3,781	26·154	-0·008	26·078	76·4	+0·1	90	IV	62·1	+1·0	52	XI	66·1	72·9	58·5	66·2	556	+0·15	569	87	+2	73		
Ootacamund	7,364	23·047	+0·12	22·906	67·1	+1·1	81	IV	48·8	-0·3	32	I	56·1	60·4	51·5	55·6	339	+0·07	391	76	+6	74		
Coonoor	5,730	24·397	...	71·4	...	81	IV	55·0	...	38	I	62·9	...	57·8	...	405	...	67	...	...	...
Kodalkanel	7,688	22·786	+0·19	22·735	64·5	+0·9	75	V	51·2	+0·4	40	I	55·7	58·5	50·5	55·0	314	+0·03	397	72	+4	81		
Ceylon.																								
Colombo	24	29·836	-0·04	29·746	86·4	-0·7	93	II	75·1	-0·1	65	I	78·6	83·0	74·9	76·5	823	-0·17	832	85	0	74		
Trincomalee	24	29·805	+0·20	29·713	87·8	-1·5	97	VII	77·3	+1·1	70	I	80·5	84·3	75·6	76·9	827	-0·10	827	79	-4	72		
Hambantota	61	29·753	-0·030	29·673	86·7	+0·2	94	VIII, IX	75·7	+0·8	67	I	78·5	83·9	75·1	77·0	829	+0·25	854	85	-5	75		
Nuwara Eliya	6,170	24·058	...	29·993	77·8	...	79	I	52·3	...	33	I	57·6	63·8	55·7	59·7	423	...	467	90	...	80		
Afghanistan.																								
Jalalabad	1,060	27·82	...	83·6	...	118	VI	59·0	...	31	I	71·2	...	60·2	...	501	...	65	...	...	...	...
Kabul	5,065	24·228	...	68·1	...	104	VII	41·6	...	0	I	51·1	...	41·9	...	191	...	51	...	...	...	...
Kandahar	3,462	26·57	...	80·5	...	106	VIII	48·9	...	91	I	62·7	...	51·2	...	271	...	49	...	...	...	...

†Aneroid barometer in use.

*Data not available for complete year, hence no annual means.

HRS. L. M. T. AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.) FOR THE YEAR 1942.

†Total for 354 days.

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION AND MONTH.	Height of bar. cistern above mean sea-level in feet.	Pressure reduced to 32°F. and standard gravity, inches.				Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.		Relative humidity, %.					
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
SEYCHELLES. (Indian ocean.) (10 and 16 hrs. L.M.T.)	15																						
January		29.908	+·018	29.813	83·3	+·0·2	85	6, 20, 21	74·4	-2·2	72	9, 23	80·2	80·8	76·3	76·3	-·861	+·014	·854	88	+3	81	
February		29.880	-·007	29.794	85·4	+1·5	87	17, 19, 22	75·8	-1·3	73	1, 9	82·6	83·3	77·4	77·7	-·881	+·034	·884	78	0	77	
March		29.833	-·043	29.734	85·7	+·0·6	88	8, 9, 31	77·2	-0·4	74	10	83·6	84·1	78·0	78·2	-·893	+·035	·833	77	+1	76	
April		29.904	+·037	29.807	87·8	+1·9	90	12, 13	77·0	-1·2	74	8	85·5	85·3	78·5	78·3	-·889	+·016	·889	72	-4	72	
May		29.873	-·008	29.789	85·8	+0·9	88	6, 10, 17	77·9	-0·1	73	21	83·5	83·8	77·7	77·5	-·877	+·020	·863	76	0	74	
June		29.915	+·012	29.836	82·7	+0·2	85	1, 5, 13	75·1	-1·7	67	27	80·7	81·1	74·0	74·2	-·759	-·038	·759	72	-4	71	
July		29.952	+·030	29.879	80·3	-0·7	82	6, 14	74·1	-1·5	69	26	78·1	78·4	72·8	73·0	-·740	-·014	·745	77	+1	76	
August		29.926	-·004	29.849	80·9	0	83	3	73·9	-1·6	68	5	78·9	79·6	73·1	73·5	-·741	-·011	·752	74	-1	74	
September		29.951	+·016	29.863	81·8	0	83	5 days	75·4	-0·6	72	21	79·7	80·6	73·9	74·0	-·763	-·020	·759	75	-1	72	
October		29.952	+·027	29.860	82·8	-0·1	85	15	73·9	-2·1	70	31	81·0	81·3	76·0	76·2	-·888	+·032	·844	79	+3	78	
November		29.921	+·013	29.833	83·7	+0·1	86	11	74·5	-1·2	72	1, 16	81·6	81·5	75·6	75·2	-·803	-·025	·785	75	-2	74	
December		29.900	+·005	29.818	82·7	-0·7	86	3	74·8	-1·2	72	22, 23	80·2	80·6	75·3	75·5	-·808	-·029	·814	79	0	78	
Year		29.909	+·009	29.823	83·6	+0·3	90	IV	75·3	-1·3	67	VI	81·3	81·7	75·7	75·8	-·821	+·001	·819	76	-1	75	
MINICOY. (Arabian Sea.)	6																						
January		29.922	+·006	29.826	85·3	-0·6	86	30	71·9	...	67	3	79·9	82·7	74·9	75·4	-·806	+·009	·787	79	+2	70	
February		29.903	-·008	29.810	86·3	-0·1	89	19	74·3	...	69	11	81·0	84·1	76·4	77·4	-·857	+·057	·860	80	+4	73	
March		29.846	-·039	29.747	87·5	-0·4	89	30	76·5	...	71	6	83·2	85·2	74·4	79·3	-·738	-·094	·929	77	+3	76	
April		29.879	+·040	29.789	88·7	-0·8	96	17, 20, 22	79·4	...	75	6 days	84·8	86·3	79·2	79·6	-·932	+·058	·932	76	+2	74	
May		29.820	-·002	29.742	88·6	-0·4	90	9 days	79·6	...	74	16	84·4	84·9	79·8	79·8	-·965	+·060	·958	81	+4	79	
June		29.793	-·015	29.753	85·9	-0·4	88	1, 7	77·1	...	74	4 days	81·5	82·8	77·6	78·3	-·894	-·008	·916	83	+1	80	
July		29.855	+·080	29.793	84·8	-0·9	87	10	76·7	...	78	31	80·7	82·5	76·9	77·6	-·879	-·002	·888	84	+2	80	
August		29.834	-·015	29.760	84·3	-1·4	86	7, 8	76·3	...	72	7, 8	80·2	81·8	76·2	76·7	-·858	-·004	·859	83	+2	79	
September		29.891	+·023	29.814	84·3	-1·4	86	29	76·7	...	74	12	82·2	82·3	76·1	76·6	-·828	-·022	·849	80	-0	76	
October		29.857	-·009	29.777	85·3	-0·8	87	6	76·0	...	69	20	81·8	82·7	76·3	76·5	-·830	-·032	·827	76	-5	74	
November		29.894	+·013	29.810	85·1	-1·2	87	30	71·9	...	68	20	81·6	81·9	74·9	74·8	-·773	-·074	·768	71	-8	70	
December		29.872	-·029	29.793	84·3	-1·9	87	4	74·5	...	68	31	80·2	80·6	75·6	75·7	-·823	+·014	·821	80	+3	79	
Year		29.864	0	29.785	85·9	-0·8	90	III, IV	75·9	...	68	XI	81·8	83·1	76·5	77·3	-·849	-·003	·866	79	+1	76	
AMINI DIVI. (Arabian Sea.)	13																						
January		29.927	-·002	...	87·7	+1·6	91	9	75·9	+1·0	71	7, 31	81·6	...	74·3	...	-·755	-·021	...	69	-3	...	
February		29.104	-·019	...	86·6	+1·5	91	24	76·8	+0·8	73	1, 2, 3	82·6	...	76·0	...	-·818	+·130	...	73	+1	...	
March		29.880	-·051	...	90·1	+0·6	93	9	78·9	+1·3	75	5, 6	84·0	...	77·3	...	-·857	+·020	...	73	+1	...	
April		29.846	+·012	...	89·8	-1·0	94	17	81·3	+1·5	76	27, 28	85·2	...	78·4	...	-·886	+·009	...	73	+2	...	
May		29·790	-·018	...	80·5	-2·0	93	4 days	80·9	+0·3	75	16, 20	85·2	...	79·1	...	-·922	+·008	...	75	+1	...	
June		29.747	-·120	...	85·9	-1·4	90	8, 9	78·0	-0·1	75	5 days	83·0	...	78·9	...	-·943	+·018	...	83	+1	...	
July		29.792	+·004	...	83·6	-2·1	85	9 days	77·8	-0·1	78	18	81·5	...	78·8	...	-·960	+·068	...	88	+5	...	
August		29.801	-·022	...	83·6	-2·1	86	7, 8	77·8	+0·4	74	19, 31	81·2	...	76·8	...	-·869	-·011	...	81	-1	...	
September		29.850	+·002	...	84·8	-1·0	89	26	78·3	+1·1	75	9, 28	81·5	...	76·2	...	-·887	-·027	...	77	-4	...	
October		29.841	-·016	...	86·1	-0·8	91	26	77·6	+0·8	73	3, 4	82·1	...	76·9	...	-·866	-·002	...	78	-2	...	
November		29.888	+·013	...	88·0	+1·5	91	16	76·3	+0·8	72	8, 9, 19	82·8	...	75·6	...	-·799	-·035	...	70	-6	...	
December		29.871	-·037	...	87·0	+0·7	91	5, 14	77·2	+3·4	78	31	81·8	...	76·2	...	-·837	+·055	...	76	+4	...	
Year		29.841	-·013	...	87·1	-0·4	94	IV	78·0	+1·0	71	I	82·7	...	77·0	...	-·862	+·010	...	76	0	...	

(c) Mean of 28 days.

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. L. M. T.

STATION AND MONTH		Pressure reduced to 32°F. and standard gravity, inches		Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			Relative humidity, %						
		Height of bar. cistern above mean sea level in feet.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.		Mean	Departure from normal.	Highest.	Date.		Mean	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
MISGAR (Kashmir)	10190																						
January	.	20.650	...	20.598	27.5	...	34	20	...	...	...	...	11.4	20.0	10.2	17.5	.064	...	.078	80	...	7
February	.	20.542	...	20.522	31.9	...	38	28	...	...	...	...	19.1	42.2	16.6	23.0	.075	...	.089	71	...	5
March	.	20.744	...	20.671	46.5	...	61	31	...	...	...	...	31.2	53.0	25.9	32.8	.097	...	.104	58	...	4
April	.	20.801	...	20.717	57.7	...	67	6, 30	39.6	...	33	8	41.6	59.9	32.7	38.3	.109	...	.105	45	...	2
May	.	20.714	...	20.630	64.9	...	75	6 days	43.0	...	34	27	51.1	65.2	39.8	42.1	.145	...	.111	42	...	2
June	.	20.692	...	20.602	68.6	...	80	28, 29	45.9	...	36	2	56.5	75.1	44.4	46.2	.187	...	.146	42	...	2
July	.	20.654	...	20.541	77.2	...	88	7	54.2	...	41	19	64.3	73.9	49.9	52.9	.232	...	.208	42	...	2
August	.	20.657	...	20.544	77.9	...	87	13	54.6	...	44	19	63.1	65.0	50.2	53.1	.248	...	.176	45	...	2
September	.	20.728	...	20.635	70.4	...	81	5, 6, 17	44.7	...	31	27	50.2	48.1	38.6	44.6	.088	...	.032	30	...	2
October	.	20.834	...	20.737	56.0	...	63	23	30.9	...	27	4	37.8	48.1	30.4	34.8	.079	...	.030	50	...	2
November	.	20.828	...	20.743	48.0 (b)	...	56	5	24.1	...	17	27	28.1	38.8	24.5	30.6	.104	...	.108	66	...	4
December	.	20.714	...	20.651	86.3	...	41	27	15.1	...	6	18	17.1	25.1	15.1	21.1	.073	...	.083	71	...	5
Year	.	20.713	...	20.633	55.2	...	88	VII	...	...	...	39.3	49.5	31.5	36.4	.125	...	.105	54	...	30	
CHAKDARA (N. W. F. P.)	2225																						
January	.	27.715	...	27.700	55.5	...	65	4	37.8	...	32	4	41.0	52.8	38.9	45.9	.212	...	.223	81	...	50
February	.	27.710	...	27.655	56.3	...	64	28	41.0	...	35	4	43.6	55.5	41.7	48.0	.239	...	.242	84	...	54
March	.	27.625	...	27.540	76.3	...	91	31	51.1	...	43	7	58.1	75.2	50.9	59.1	.285	...	.302	59	...	31
April	.	27.574	...	27.536	86.8	...	99	1, 28	58.7	...	49	17	67.3	83.4	57.0	63.3	.334	...	.332	51	...	31
May	.	27.466	...	27.368	93.1	...	104	2	66.3	...	59	5, 6	76.0	89.4	62.0	66.2	.381	...	.355	44	...	26
June	.	27.323	...	27.234	98.7	...	109	24	71.4	...	62	15	81.5	94.7	66.4	71.2	.446	...	.446	43	...	30
July	.	27.221	...	27.187	94.0	...	103	6	75.0	...	69	1, 19	81.3	91.1	73.9	76.9	.741	...	.746	69	...	51
August	.	27.298	...	27.255	91.1	...	96	5	74.0	...	68	20, 22	78.7	88.6	74.0	80.8	.782	...	.947	78	...	67
September	.	27.431	...	27.381	90.5	...	96	4 days	67.9	...	58	25, 28	73.5	87.9	66.7	72.2	.566	...	.594	68	...	44
October	.	27.598	...	27.553	85.7	...	91	21	54.8	...	49	31	63.5	82.3	54.5	67.8	.313	...	.499	53	...	45
November	.	27.617	...	27.638	76.6	...	85	1	46.2	...	40	21	51.2	71.7	45.8	60.5	.240	...	.389	63	...	49
December	.	27.695	...	27.690	62.4	...	70	1	37.6	...	30	23	40.9	57.8	38.5	48.8	.203	...	.234	77	...	49
Year	.	27.525	...	27.478	80.6	...	109	VI	56.8	...	30	XII	63.1	77.5	55.9	63.4	.395	...	.442	64	...	45
HINDUBAGH* (Baluchistan)	6950																						
January	.	24.275	...	24.203	78.7	...	85	29, 30	49.6	...	37	17	63.8	76.3	53.5	60.6	.299	...	.365	52	...	45
February	.	24.180	...	24.122	86.4	...	93	10, 25	58.1	...	48	4, 5, 8	73.5	82.6	58.1	65.4	.321	...	.446	41	...	41
March	.	24.097	...	24.027	91.4	...	100	29	61.3	...	53	17	78.7	89.2	62.9	71.0	.404	...	.566	42	...	45
April	.	24.035	...	24.055	98.7	...	99	7, 29	67.1	...	62	2, 9	78.5	80.8	63.8	64.1	.438	...	.328	47	...	35
August	.	24.106	...	24.019	92.7	...	98	1	66.1	...	56	20	76.9	89.9	50.0	64.5	.310	...	.337	36	...	25
September	.	24.105	...	24.115	88.5	...	95	6, 18, 15	57.6	...	43	26, 30	72.9	85.5	53.2	61.7	.201	...	.297	26	...	25
October	.	24.837	...	24.260	76.9	...	83	21, 23	49.0	...	41	28	61.7	73.6	47.6	55.5	.184	...	.252	34	...	35
November	.	24.370	...	24.296	71.2	...	80	6	42.8	...	33	26, 27, 28	53.1	67.0	30.9	46.8	.111	...	.112	32	...	15
December	.	24.302	...	24.243	54.5	...	71	8	28.2	...	19	25	36.2	50.4	31.5	40.5	.134	...	.149	69	...	4
Year	

(b) Mean of 29 days.

(d) Mean of 27 days.

(e) Mean of 26 days.

AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.) FOR EACH MONTH AND THE YEAR 1942.

Cloud amount. (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10* or more.)			Wind velocity miles per hour.		Wind direction—Number of winds from										STATION AND MONTH.									
Mean 8 hrs. L. M. T.	Departure from normal.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. L. M. T.							17 hrs. I. S. T.							STATION AND MONTH.						
24	25	26	27	28	29	30	31	32	33	34	85	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
6·3	...	6·9	0·67	...	0·26	8	2	...	2·4	...	1	1	1	1	0	0	6	7	14	0	1	7	5	2	2	2	4	8	MISGAR (Kashmir)	
8·0	...	9·0	0·52	...	0·28	27	1	...	4·2	...	1	2	2	0	0	3	8	7	5	0	1	11	5	1	2	4	1	3	January.	
(d) 5·4	...	6·5	0·10	...	0·05	6, 26	0	...	5·5	...	0	2	4	2	1	0	8	1	13	0	0	15	9	0	1	5	0	1	March.	
4·9	...	6·8	0·33	...	0·06	22	0	...	6·4	...	2	7	5	2	1	0	2	3	8	0	0	15	11	0	0	3	1	0	April.	
4·5	...	6·8	0·79	...	0·23	19	3	...	6·7	...	0	8	5	1	0	1	1	1	6	0	3	11	5	0	0	8	1	0	May.	
5·2	...	6·7	0·26	...	0·07	18, 29	0	...	6·7	...	0	7	11	3	0	0	4	1	4	1	2	11	6	1	0	8	1	0	June.	
4·1	...	4·3	0·65	...	0·27	18	2	...	6·1	...	1	10	3	2	0	0	3	2	10	1	1	14	5	1	0	8	1	0	July.	
4·1	...	5·2	0·45	...	0·16	17, 18	2	...	5·9	...	0	5	9	2	0	0	7	1	7	1	1	18	3	1	0	4	1	2	August.	
2·2	...	4·2	0·16	...	0·15	22	1	...	6·0	...	0	6	4	3	0	3	7	6	1	0	1	9	12	3	0	3	2	0	September.	
2·0	...	4·3	0·14	...	0·07	11	0	...	4·3	...	0	4	6	2	0	0	8	3	8	0	1	11	11	0	1	4	0	3	October.	
3·7	...	3·0	0·29	...	0·20	26	1	...	3·1	...	0	4	2	2	0	1	7	9	5	1	1	9	7	0	4	3	3	2	November.	
5·3	...	5·3	0·06	...	0·03	14, 15	0	...	2·6	...	1	2	1	0	0	2	11	7	7	1	0	9	5	1	2	6	3	4	December.	
4·6	...	5·7	4·41	...	0·29	II	12	...	4·9	...	6	59	56	24	3	9	72	48	88	5	12	140	84	10	12	58	21	23	Year.	
CHAKDARA. (N. W. F. P.)																														
6·7	...	6·8	7·91	...	8·51	8	10	...	4·8	...	12	7	0	1	1	2	0	8	0	5	5	0	0	8	6	1	4	2	January.	
6·7	...	6·0	9·06	...	2·42	20	12	...	4·3	...	5	2	0	1	5	6	1	8	0	7	4	1	1	2	6	1	6	0	February.	
8·9	...	8·8	0·89	...	0·28	6	2	...	5·7	...	7	8	8	2	5	3	0	3	0	0	2	6	5	9	7	0	2	0	March.	
2·1	...	2·9	1·21	...	0·36	16	5	...	5·7	...	7	13	1	1	0	2	0	6	0	8	9	2	1	4	3	0	3	0	April.	
1·7	...	2·6	1·02	...	0·57	17	3	...	6·8	...	6	15	5	0	0	2	0	3	0	3	3	3	2	10	6	3	1	0	May.	
1·2	...	1·6	0·58	...	0·32	14	2	...	6·7	...	5	9	9	4	0	1	0	2	0	1	1	5	0	10	10	3	0	0	June.	
1·0	...	1·6	8·86	...	8·62	11	5	...	4·9	...	5	8	5	2	2	6	1	1	1	1	2	3	0	7	10	7	0	1	July.	
0·8	...	0·6	8·88	...	2·10	28	6	...	5·0	...	6	11	7	1	1	4	1	0	0	0	5	6	0	11	8	1	0	0	August.	
1·0	...	0·6	2·00	...	1·22	1	2	...	4·5	...	6	12	1	0	0	4	0	0	7	0	0	0	1	12	14	2	0	1	September.	
0·2	...	0·9	0	...	0	...	0	...	5·4	...	8	7	3	2	4	2	1	4	0	0	3	0	1	10	10	5	0	2	October.	
0·9	...	1·1	1·04	...	0·58	25	2	...	4·8	...	11	7	4	0	2	4	0	2	0	2	0	1	0	10	12	1	0	4	November.	
2·2	...	2·8	0·28	...	0·28	15	1	...	8·9	...	18	10	1	0	2	0	1	4	0	2	0	1	1	17	9	1	0	0	December.	
2·4	...	2·6	38·98	...	8·62	VII	50	...	5·1	...	91	109	89	14	22	36	5	41	8	29	34	28	12	110	101	25	16	10	Year.	
HINDURAGH. (Baluchistan)																														
...		
4·0	...	5·1	0	...	0	...	0	0	0	0	1	0	14	1	6	8	0	2	1	0	0	14	3	9	1	...	April.
1·5	...	4·7	0·90	...	0·85	16	1	0	2	1	0	1	13	2	5	7	0	0	0	2	0	15	0	14	0	...	May.
1·0	...	3·0	0	...	0	...	0	0	2	0	1	0	11	0	4	12	0	1	0	1	6	16	0	11	1	...	June.
3·1	...	5·9	1·86	...	1·43	11	3	0	9	2	1	0	8	0	3	8	1	0	1	1	0	11	1	4	3	...	July.
1·4	...	8·1	0·23	...	0·23	7	1	0	5	1	4	0	17	1	3	0	0	5	0	3	0	21	0	1	1	...	August.
1·1	...	0·7	0	...	0	...	0	0	1	0	0	0	15	2	3	9	0	0	0	1	0	20	2	5	2	...	September.
1·8	...	2·5	0·10	...	0·10	18	1	0	0	0	0	0	10	1	3	17	0	2	0	0	0	20	2	6	1	...	October.
1·5	...	2·9	0	...	0	...	0	0	0	0	0	0	8	0	5	17	0	7	0	0	0	18	0	4	1	...	November.
1·4	...	3·2	1·75	...	0·85	31	3	0	0	0	0	0	6	0	8	17	0	4	0	1	0	21	0	0	5	...	December.
...

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. L. M. T.

STATION AND MONTH.	Height of bar. cistern above mean sea-level in feet.	Pressure reduced to 32° F. and standard gravity, inches.				Maximum temperature, °F.			minimum temperature, °F.			Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.			humidity, %				
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mean	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
NUSHKI* (Baluchistan)	3412																						
January
February
March (j)	...	26°626	...	26°601	82°0	...	92	24, 31	61°3	...	51	11	68°0	81°5	53°0	58°3	.229	...	.221	.34	...	...	20
April	...	26°582	...	26°538	90°6	...	103	9	66°2	...	56	19	75°9	88°3	56°8	59°3	.242	...	.167	.28	...	...	13
May	...	26°491	...	26°426	98°9	...	105	5 days	71°9	...	52	17	83°9	96°8	62°0	64°6	.300	...	.236	.26	...	...	14
June	...	26°375	...	26°316	102°3	...	100	23, 29	77°1	...	67	13	87°2	100°1	65°3	67°1	.367	...	.255	.27	...	15	
(a)																							
July	...	26°260	...	26°217	105°5	...	111	6	82°5	...	74	11	90°2	103°0	70°8	71°4	.524	...	.397	.37	...	...	20
August	...	26°361	...	26°327	100°7	...	108	5	76°7	...	68	21, 23	84°3	99°2	62°3	65°0	.306	...	.221	.26	...	...	11
September	...	26°486	...	26°463	96°6	...	102	4, 14	67°5	...	60	23	78°2	93°5	57°1	60°5	.224	...	.144	.23	...	...	10
October	...	26°659	...	26°642	86°6	...	97	10	63°2	...	51	28, 29	72°8	84°8	55°0	67°4	.225	...	.164	.29	...	...	14
November	...	26°708	...	26°681	80°4	...	87	7, 9	57°7	...	44	26	66°3	77°4	49°4	52°8	.157	...	.117	.27	...	...	13
December	...	26°768	...	26°724	58°6	...	76	11	39°7	...	29	25	46°2	55°3	39°0	44°1	.152	...	.154	.54	...	...	41
Year
TURBAT† (Baluchistan)	510																						
January (m)	...	29°571	...	29°477	76°4	...	80	23	56°3	...	45	18	60°9	74°7	57°4	61°7	.429	...	.382	.79	...	...	48
February	...	29°522	...	29°416	78°8	...	85	17	57°6	...	48	21	63°4	77°6	56°4	62°6	.366	...	.372	.62	...	...	41
March	...	29°437	...	29°312	94°0	...	106	30	64°3	...	56	4 days	73°6	93°1	59°5	65°0	.380	...	.247	.41	...	...	16
April	...	29°348	...	29°208	102°3	...	112	30	73°0	...	68	16	82°9	101°1	69°6	74°7	.549	...	.509	.50	...	...	26
May	...	29°217	...	29°074	108°1	...	114	8, 24	79°5	...	67	30	86°5	106°6	76°0	78°3	.764	...	.590	.68	...	...	27
June	...	29°077	...	28°931	111°5	...	118	10	83°9	...	80	1	91°0	109°7	76°6	84°9	.728	...	.871	.53	...	...	35
July	...	29°015	...	28°880	102°6	...	113	31	81°5	...	75	14	85°2	101°0	79°1	82°9	.922	...	.890	.76	...	...	46
August	...	29°106	...	28°962	105°2	...	112	13	77°8	...	73	22	81°2	104°2	76°9	84°9	.872	...	.946	.82	...	...	45
September	...	29°259	...	29°111	101°8	...	113	10	75°6	...	72	23	79°3	100°6	73°5	75°2	.752	...	.538	.77	...	...	28
October	...	29°415	...	29°292	101°3	...	107	12	71°5	...	65	28	81°4	99°9	70°7	75°7	.616	...	.573	.57	...	...	31
November	...	29°530	...	29°410	91°4	...	102	1, 2	65°3	...	57	27	78°5	89°7	65°5	70°7	.526	...	.502	.66	...	...	37
December	...	29°599	...	29°484	78°0	...	88	5	58°5	...	39	25	59°7	75°9	51°6	59°3	.279	...	.290	.54	...	...	38
Year	...	29°341	...	29°214	95°9	...	118	VI	70°0	...	39	XII	76°5	94°5	67°7	73°0	.594	...	.559	.63	...	...	34
RETI× (Sind)	280																						
January
February
March
April	...	29°518	...	29°402	101°5	...	112	25, 26, 30	71°1	...	65	1	84°3	100°6	...	...	...	...	...	...	...	...	...
May	...	29°391	...	29°273	110°5	...	116	2, 12	78°7	...	71	15	90°1	107°4	...	...	...	...	...	...	...	...	...
June	...	29°241	...	29°128	113°7	...	123	22, 23	84°9	...	75	15	93°3	111°2	...	...	...	...	...	...	...	...	...
July	...	29°191	...	29°084	105°6	...	112	7	83°7	...	75	7, 8	88°5	103°3	81°0	88°2	.966	...	.875	.71	...	...	42
August	...	29°247	...	29°167	105°2	...	116	9	82°3	...	78	12, 31	87°8	101°8	79°0	82°2	.885	...	.845	.69	...	...	44
September	...	29°420	...	29°340	102°1	...	107	16	75°7	...	66	30	88°0	100°1	76°1	77°8	.814	...	.656	.68	...	...	36
October	...	29°623	...	29°526	99°7	...	105	10, 11	64°9	...	59	6	79°7	97°3	67°5	70°8	.518	...	.411	.51	...	...	26
November	...	29°740	...	29°634	90°9	...	97	1, 7	54°4	...	48	28, 30	67°3	87°7	59°7	67°9	.417	...	.421	.63	...	...	33
December	...	29°814	...	29°724	74°8	...	84	1, 4	41°1	...	33	25	52°3	71°8	47°0	56°7	.251	...	.264	.66	...	...	37
Year

(a) Mean of 50 days. (b) Mean of 29 days. (c) Mean of 28 days. (d) Mean of 27 days. (e) Mean of 26 days. (f) Mean of 22 days. (g) Data available for 21 days. (h) Mean of 19 days.

AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.) FOR EACH MONTH AND THE YEAR 1942

Cloud amount (tenths of sky)		Rainfall, inches.			Number of rainy days, (0-10 ⁰ or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from												STATION AND MONTH									
Mean 8 hrs. L. M. T.	Departure from normal.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. L. M. T.							17 hrs. I. S. T.													
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
...
...
0·4	...	0·3	0	...	0	...	0	...	10·6	...	2	9	4	1	1	1	1	2	0	0	0	0	0	0	0	6	6	9	...	
1·0	...	1·5	0	...	0	...	0	...	10·1	...	2	6	13	2	2	2	0	3	0	0	0	0	2	1	8	7	11	1	...	
0·7	...	(c) 1·7	0·58	...	0·58	18	1	...	9·9	...	1	3	11	4	2	2	4	4	0	2	1	1	0	3	11	12	6	...		
0·7	...	1·2	0·08	...	0·08	5	0	...	8·6	...	2	3	13	4	1	0	0	7	0	0	0	1	1	0	4	14	10	...		
1·3	...	(b) 1·8	0·21	...	0·19	11	1	...	9·2	...	1	1	4	6	5	5	3	6	0	2	1	2	0	2	3	13	7	...		
0·7	...	0·9	0	...	0	...	0	...	7·2	...	6	3	8	2	0	0	2	10	0	2	0	1	0	0	2	14	12	...		
0·1	...	0·2	0	...	0	...	0	...	6·5	...	3	5	6	1	0	0	2	13	0	1	0	0	0	0	4	13	12	...		
0·5	...	1·2	0·04	...	0·04	16	0	...	8·2	...	2	10	11	3	0	0	1	4	0	2	0	0	1	0	1	10	17	...		
1·1	...	1·8	0	...	0	...	0	...	9·2	...	2	12	13	2	1	0	0	0	0	0	0	0	0	0	8	15	7	0		
2·1	...	2·8	1·86	...	1·15	14	2	...	6·8	...	2	5	12	3	1	0	0	7	1	3	0	1	0	1	6	8	12	0		
...		
...		
2·4	...	8·3 (d)	1·89	...	0·71	14	2	...	(n) 5·5	...	0	4	4	3	2	1	1	0	3	0	2	1	0	1	2	8	4	0	January (m).	
4·5	...	5·2 (a)	2·16	...	1·97	18	2	...	5·5	...	1	7	10	6	1	0	0	0	3	3	1	1	2	2	5	10	4	0	February.	
0·8	...	1·0 (b)	0	...	0	...	0	...	6·1	...	1	9	7	4	3	1	4	2	0	1	4	2	3	1	4	12	4	0	March.	
2·6	...	8·6	0·09	...	0·09	16	0	...	7·4	...	2	1	2	1	6	11	5	2	0	0	1	0	1	2	11	14	1	0	April.	
(a)	...	2·2	0·63	...	0·63	30	1	...	8·0	...	0	2	1	1	5	8	8	6	0	1	0	0	2	8	11	8	1	0	May.	
2·2	...	1·4	0	...	0	...	0	...	8·0	...	1	8	3	4	4	5	4	1	0	3	5	1	0	6	7	7	1	0	June.	
6·4	...	3·8	1·83	...	0·78	4	3	...	8·7	...	1	2	1	1	5	10	10	1	0	0	1	0	2	9	12	7	0	July.		
2·2	...	1·6	0	...	0	...	0	...	8·4	...	1	0	0	0	2	9	14	5	0	0	0	1	1	4	14	9	2	0	August.	
3·2	...	0·9	0	...	0	...	0	...	7·4	...	0	1	1	1	3	10	9	2	3	0	1	0	0	4	10	12	3	0	September.	
0·5	...	1·1	0	...	0	...	0	...	5·5	...	0	7	9	3	3	2	3	1	3	3	2	1	1	1	8	11	2	2	October.	
1·7	...	1·8	0	...	0	...	0	...	5·5	...	0	3	6	7	4	4	2	1	3	2	3	1	0	1	5	13	4	1	November.	
2·3	...	2·6	0·97	...	0·97	31	1	...	6·5	...	1	13	8	6	2	0	0	0	1	2	14	2	1	1	1	10	0	0	December.	
2·5	...	2·4	6·57	...	1·97	II	9	...	6·9	...	8	57	52	37	40	61	60	21	16	15	34	10	13	40	90	121	26	3	Year.	
...		
...		
0	...	0·4	0	...	0	...	0	...	5·7	...	1	9	3	3	5	5	2	2	0	3	5	3	1	2	2	12	2	0	April.	
0	...	0	0	...	0	...	0	...	7·0 (e)	...	1	5	2	1	7	9	6	0	0	4	4	0	0	3	4	10	6	0	May.	
0	...	0·8	0	...	0	...	0	...	7·8	...	3	3	0	4	11	6	2	1	0	2	1	3	1	4	7	7	5	0	June.	
0·9	...	1·3	2·56	...	1·93	7	2	...	...	...	3	2	2	2	12	5	4	0	1	1	2	3	1	6	8	7	2	1	July.
0·2	...	0·7	1·40	...	1·11	25	2	...	...	...	1	2	2	0	14	7	4	1	0	4	4	4	2	5	5	3	4	0	August.
0	...	0	0	...	0	...	0	...	...	...	1	4	1	1	14	6	2	1	0	3	4	0	2	4	7	5	5	0	September.
0	...	0	0	...	0	...	0	...	(c) 3·5	...	0	9	3	1	4	12	1	0	1	6	1	0	0	3	2	13	6	0	October.	
0·1	...	0	0·30	...	0·30	14	1	...	3·7	...	6	6	3	4	5	4	1	0	2	2	10	1	0	1	1	9	7	0	November.	
...		

(m) Date available for 18 days. (n) Mean of 17 days. * Observatory started on 11th March 1942. † Observatory started on 14th January 1942. × Observatory started on 20th March 1942.

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION AND MONTH.		Height of part cistern above mean sea level in feet.	Pressure reduced to 32°F. and standard gravity, inches.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.			wet bulb temperature, °F.			Vapour pressure, inches.			Relative humidity, %			
			Mean 8 hrs. L. M. T.	Departure from normal.	Mean I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
+KARACHI (West Wharf) (Sind)	17																							
January
February	30.003	...	29.914	78.3	...	86	9	60°0	...	54	19, 21	65.1	75.1	59.0	65.6	424	...	508	68	...	59	...	...
March	29.884	...	29.792	85.0	...	95	14, 27	68.3	...	59	3	73.3	80.7	67.4	72.3	597	...	685	73	...	66	...	...
April	29.805	...	29.722	86.4	...	95	20	76°0	...	72	4	80.1	83.9	76.2	77.7	858	...	877	83	...	76	...	...
May	29.687	...	29.609	88.3	...	90	8 days	80.0	...	77	4	84.1	86.2	79.3	80.8	942	...	986	80	...	78	...	...
June	29.530	...	29.452	89.0	...	94	22	81.5	...	79	2	85.1	87.6	81.4	82.2	1'034	...	1'042	84	...	78	...	...
July	29.485	...	29.419	88.6	...	90	10 days	80.8	...	76	9	83.8	86.6	80.8	81.7	1'020	...	1'024	87	...	80	...	...
August	29.567	...	29.490	84.5	...	87	2, 3, 5	77.5	...	75	22, 23	80.2	82.3	76.5	77.8	873	...	901	83	...	81	...	...
September	29.711	...	29.640	85.1	...	87	12, 17	76.5	...	75	9 days	80.0	83.0	75.7	77.1	836	...	858	81	...	75	...	...
October	29.873	...	29.787	87.1	...	98	5	74.1	...	68	5	78.9	83.4	74.1	77.7	783	...	884	79	...	77	(P)	(P)
November	29.980	...	29.895	84.2	...	91	16	68.9	...	62	28, 29	72.4	79.8	67.0	71.4	594	...	659	75	...	66	(P)	(P)
December	30.038	...	29.943	77.5	...	85	2, 13	56.6	...	48	25	62.3	74.6	52.2	59.9	262	...	328	46	...	38	...	...
Year
*KASHGAR (Eastern Turkistan)	4296																							
January	25.50	-22	...	...	...	...	...	15.1	+2.9	8	18	20.5	...	18.5	...	.088	-.004	...	76	0	...	...	...
February	25.49	-17	...	...	...	...	...	9.3	-10.5	14	15, 16	21.7	...	19.8	...	.081	-.022	...	71	0	...	...	...
March	25.37	-21	...	...	...	...	...	...	...	...	...	...	...	...	...	.217	+.064	...	75	+.18	...	...	...
April	25.39	-14	...	72.9	+0.9	86	30	49.1	+0.6	41	17, 18	57.8	...	49.3	...	.256	+.041	...	55	+.8	...	...	...
May	25.34	-18	...	81.4	-0.6	96	14, 15	58.4	+0.6	47	29, 30	68.5	...	57.2	...	.339	+.029	...	52	+.6	...	...	...
June	25.26	-17	...	89.6	0	95	29	65.7	+1.6	56	1, 2	76.6	...	66.5	...	.540	+.149	...	60	+.16	...	...	...
July	25.21	-18	...	93.0	+0.5	106	7	68.3	+0.6	61	20	79.1	...	64.3	...	.431	-.028	...	44	-5	...	...	...
August	25.29	-18	...	88.3	-2.2	98	7	65.9	+0.2	56	31	74.0	...	62.1	...	.423	-.041	...	51	-3	...	...	...
September	25.30	-20	...	81.4	-2.4	92	6, 7, 8	55.8	-1.2	43	26, 28	63.8	...	54.6	...	.326	-.017	...	55	0	...	...	...
October	25.50	0	...	72.4	+1.5	86	20	42.2	-0.5	33	27	50.7	...	48.5	...	.203	-.003	...	55	-2	...	...	...
November	25.55	-20	...	51.8	-1.5	65	12	30.4	+1.9	24	30	34.4	...	31.2	...	.140	+.005	...	72	+.5	...	...	...
December	25.56	-21	...	37.6	+0.8	57	1	17.7	+1.0	12	22, 29	20.1	...	18.8	...	.075	-.007	...	70	-9	...	...	...
Year	25.40	-19	...	...	...	...	...	...	...	...	51.0	...	48.8	...	.268	+.022	...	61	+.2	...	...	...
KUWAIT (Iraq)	16																							
January	30.127	...	30.050	60.7	...	78	3	45.2	...	33	6, 7, 8	48.9	59.4	45.8	51.1	270	...	.265	77	...	52	...	...
February	30.007	...	29.938	60.8	...	75	6	52.5	...	42	12	56.3	65.4	53.2	59.2	369	...	.428	78	...	69	...	...
March	29.940	...	29.880	74.3	...	87	14	59.5	...	51	25	63.4	73.1	58.7	64.9	439	...	.513	74	...	63	...	...
April	29.862	...	29.810	83.9	...	95	22	67.7	...	60	1, 11, 14	72.3	81.1	63.3	69.4	466	...	.571	59	...	52	...	...
May	29.716	...	29.666	95.0	...	103	26	77.0	...	69	8	82.0	92.8	69.9	76.8	577	...	.714	52	...	48	...	...
June	29.571	...	29.530	104.3	...	119	25	84.4	...	78	8	88.2	101.7	75.2	81.1	707	...	.792	53	...	40	...	...
July	29.484	...	29.415	104.5	...	118	25	86.3	...	80	11	89.1	99.9	73.6	80.1	627	...	.764	46	...	41	...	...
August	29.524	...	29.472	104.9	...	113	21, 23	85.8	...	74	24	90.4	102.0	79.5	86.7	868	...	1.071	61	...	53	...	...
September	29.704	...	29.646	99.1	...	112	8	80.6	...	72	22	84.6	96.3	73.5	80.9	685	...	.854	57	...	51	...	...
October	29.911	...	29.853	89.6	...	102	5	74.7	...	69	17	78.2	87.4	69.0	75.3	594	...	.723	61	...	57	...	...
November	30.055	...	29.982	79.4	...	92	4	65.4	...	58	26, 29	68.6	77.7	61.8	67.2	463	...	.532	66	...	57	...	...
December	30.115	...	30.043	65.5	...	79	3	53.1	...	43	24	56.6	63.8	53.3	57.4	364	...	.389	80	...	67	...	...
Year	29.833	...	29.774	85.7	...	119	VII	69.3	...	33	1	73.2	83.4	64.7	70.8	576	...	.635	64	...	54	...	...

*Aneroid barometer in use.

†Observatory started on 20th January 1942.

HRS. L. M. T. AND 17 HRS. I. S. T. (11-30 HRS. G. M. T.) FOR EACH MONTH AND THE YEAR 1942

Mean S. hrs. L. M. T. 24	Cloud amount, (tenths of sky.)	Rainfall, inches.							Number of rainy days, (0-10* or more.)	Wind velocity, miles per hour.	Wind direction—Number of winds from												STATION AND MONTH.							
		Departure from normal 25	Total of the month or year. 26	Departure from normal. 27		Heaviest fall in 24 hrs. 28		Date. 29	Total in the month or year. 31	Departure from normal 32	Mean. 33	8 hrs. L. M. T.						17 hrs. I. S. T.												
				Total month or year. 27	Departure from normal. 28	Heaviest fall in 24 hrs. 28	Date. 30					N 35	NE 36	E 37	SE 38	S 39	SW 40	W 41	NW 42	Calm. 43	N 44	NE 45	E 46	SE 47	S 48	SW 49	W 50	NW 51	Calm. 52	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
...		
5·1 ... 3·9	5·1 ... 3·9	1·14	0·88	19	2	...	5·2	...	3	12	4	0	0	0	0	3	6	0	0	2	0	1	12	12	1	0	0	0		
1·3 ... 0·5	1·3 ... 0·5	0·17	0·17	5	1	...	6·8	...	4	3	1	0	0	0	1	9	9	4	0	0	0	0	0	0	12	18	1	0	0	
3·7 ... 3·5	3·7 ... 3·5	0	0	0	0	...	9·4	...	1	0	0	0	0	0	3	23	2	1	0	0	0	0	0	0	0	14	15	1	0	0
4·7 ... 3·4	4·7 ... 3·4	0	0	0	0	...	11·0	...	0	0	1	0	0	0	7	23	0	0	0	0	0	0	0	0	17	14	0	0	0	
5·1 ... 3·6	5·1 ... 3·6	0	0	0	0	...	12·1	...	0	0	0	0	0	0	7	21	2	0	0	0	0	0	0	0	18	12	0	0	0	
4·5 ... 7·0	4·5 ... 7·0	10·03	8·55	11	2	...	10·7	...	0	1	0	0	1	5	21	3	0	1	0	1	1	2	10	16	0	0	0	0		
7·7 ... 6·9	7·7 ... 6·9	0·74	0·38	8	2	...	10·8	...	0	0	0	0	0	0	2	26	3	0	0	0	0	1	0	0	9	21	0	0	0	
5·6 ... 3·7	5·6 ... 3·7	0	0	0	0	...	9·3	...	0	0	0	0	0	0	5	22	3	0	0	0	0	0	0	0	2	13	15	0	0	
2·2 ... 0·5	2·2 ... 0·5	0	0	0	0	...	6·1	...	0	1	0	0	0	0	3	12	6	9	0	0	0	0	0	0	2	18	11	0	0	
2·2 ... 0·8	2·2 ... 0·8	0	0	0	0	...	...	...	6	5	2	1	0	1	5	2	8	0	0	0	0	0	0	0	2	15	13	0	0
1·6 ... 2·1	1·6 ... 2·1	0·48	0·48	14	1	...	5·6	...	7	16	4	0	0	0	0	1	0	3	2	6	2	1	6	10	4	0	0			
...		
...		
...		
...		
7·0 +1·0	7·0 +1·0	0	-0·17	0	...	0	-0·8	1·0	+0·5	0	0	0	0	0	0	0	0	31	...	...	...	...	...	...	...	...	...	...
7·3 +2·7	7·3 +2·7	...	0·68	+0·51	0·22	13	3	+2·5	0·6	-0·2	0	1	0	0	0	0	0	27	...	...	...	...	...	...	...	...	...	...
8·4 +3·6	8·4 +3·6	...	0·16	-0·15	0·10	5	1	+0·3	1·1	-0·5	1	1	0	0	0	0	1	28	...	...	...	...	...	...	...	...	...	...
7·0 +2·4	7·0 +2·4	...	0·45	+0·21	0·45	17	1	+0·1	...	...	2	1	1	0	0	1	3	2	20	...	...	...	...	...	...	...	...	...	...
7·0 +3·7	7·0 +3·7	...	0·06	-0·59	0·06	18	0	-1·2	...	...	2	0	4	0	1	7	3	0	14	...	...	...	...	...	...	...	...	...	...
5·6 +3·2	5·6 +3·2	...	0	-0·27	0	...	0	-0·8	...	...	1	1	0	0	3	4	3	1	17	...	...	...	...	...	...	...	...	...	...
6·6 +3·8	6·6 +3·8	...	0	-0·24	0	...	0	-0·8	2·0	-0·8	1	1	1	0	0	1	0	0	27	...	...	...	...	...	...	...	...	...	...
7·0 +3·5	7·0 +3·5	...	0·22	-0·31	0·12	3	1	-0·6	2·0	0	1	1	1	0	0	1	0	0	27	...	...	...	...	...	...	...	...	...	...
6·8 +4·3	6·8 +4·3	...	0	-0·27	0	...	0	-0·7	1·5	+0·1	2	0	0	0	0	0	0	1	27	...	...	...	...	...	...	...	...	...	...
4·0 +1·7	4·0 +1·7	...	0	-0·02	0	...	0	-0·1	1·4	+0·4	0	0	0	0	0	0	0	0	31	...	...	...	...	...	...	...	...	...	...
6·9 +4·2	6·9 +4·2	...	0	-0·15	0	...	0	-1·1	1·1	+0·5	0	0	0	0	0	1	0	0	29	...	...	...	...	...	...	...	...	...	...
6·9 +2·6	6·9 +2·6	...	0	-0·14	0	...	0	-0·4	1·0	+0·5	0	0	0	0	0	0	0	0	31	...	...	...	...	...	...	...	...	...	...
3·7 +3·1	3·7 +3·1	...	1·57	-1·59	0·45	IV	6	-3·6	...	...	10	6	7	0	4	15	9	5	309	...	...	...	...	...	...	...	...	...	...
a) 6 ... 1·8	a) 6 ... 1·8	...	0·10	0·10	30	1	...	8·2	...	5	0	1	3	1	4	7	9	1	5	3	1	2	0	1	3	8	8	4	January.	
b) 3 ... 2·9	b) 3 ... 2·9	...	0·44	0·26	21	2	...	7·0	...	1	0	2	1	2	3	9	5	5	3	3	3	6	0	0	0	9	4	February.		
b) 6 ... 1·6	b) 6 ... 1·6	...	0·47	0·40	7	1	...	9·2	...	3	2	1	3	2	2	3	11	4	2	5	1	8	0	0	2	11	2	March.		
b) 9 ... 2·8	b) 9 ... 2·8	...	0·08	0·05	14	0	...	8·7	...	1	3	0	3	1	4	4	11	3	4	1	4	12	0	0	1	8	0	April.		
10 ... 0·7	10 ... 0·7	...	0	0	0	...	0	6·1	...	1	0	1	0	2	4	7	8	8	1	6	4	9	0	0	0	7	4	May.		
12 ... 0·3	12 ... 0·3	...	0	0	0	...	0	6·4	...	1	0	0	0	0	3	10	13	3	1	4	1	4	0	0	0	10	9	June.		
13 ... 0·1	13 ... 0·1	...	0	0	0	...	0	8·7	...	0	0	0	0	0	1	14	16	0	1	1	6	0	0	0	3	16	3	July.		
14 ... 0·1	14 ... 0·1	...	0	0	0	...	0	5·5	...	0	1	0	2	0	4	5	11	8	1	6	5	3	0	0	0	1	5	10	August.	
15 ... 0·7	15 ... 0·7	...	0	0	0	...	0	6·1	...	0	1	0	0	0	0	2	5	15	7	3	1	0	4	0	0	0	0	0	13	September.
16 ... 2·2	16 ... 2·2	...	0	0	0	...	0	5·9	...	1	1	0	1	0	3	3	13	9	0	7	0	4	0	0	0	9	11	October.		
17 ... 2·2	17 ... 2·2	...	0·34	0·18	16	2	...	5·7	...	2	3	0	1	1	2	1	15	5	4	1	0	3	0	0	0	5	17	November.		
18 ... 4·7	18 ... 4·7	...	1·38	0·35	12	5	...	4·7	...	0	2	0	0	1	0	5	15	8	0	3	0	0	0	2	1	14	11	December.		
19 ... 1·7	19 ... 1·7	...	2·81	0·40	III	11	...	6·9	...	15	13	5	14	10	32	73	142	61	25	41	20	61	0	3	12	111	92	Year.		

(a) Mean of 30 days.

(b) Mean of 29 days.

(f) Mean of 25 days.

(d) Mean of 15 days.

TABLE II-A.—ABSTRACT OF OBSERVATIONS RECORDED

STATION AND MONTH	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F. and standard gravity, inches.		Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, inches.		Relative humidity %.			
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. J. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. M. T.	Departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
*Lhassa (Tibet).	12090																				
January . . .	12090	18·44	...		42·5	...	50	18, 14	...	...	...	...	22·5	...	18·2	...	067	...	61	...
February . . .		18·44	...		51·1	...	58	18, 27, 28	...	...	...	...	29·5	...	28·7	...	081	...	51	...
March . . .		18·44	...		52·5	...	66	27	...	...	...	...	34·6	...	27·6	...	096	...	48	...
April . . .		18·44	...		60·8	...	68	3, 18	30·9	...	23	7	44·2	...	36·6	...	151	...	52	...	
May . . .					67·7	...	76	29, 31	...	...	...	...	52·9	...	42·9	...	189	...	48	...
June . . .					74·1	...	82	18	49·3	...	38	12	58·3	...	49·4	...	277	...	60	...	
July . . .					72·8	...	77	4 days	49·3	...	48	6, 8	57·1	...	51·4	...	381	...	72	...	
August . . .		18·62	...		70·3	...	77	9, 15, 16	47·4	...	42	30	54·7	...	49·4	...	303	...	73	...	
September . . .		18·65	...		66·7	...	72	3, 4	44·9	...	37	18	50·7	...	46·6	...	282	...	77	...	
October . . .		18·67	...		68·9	...	71	9	38·4	...	27	28	43·1	...	36·8	...	130	...	60	...	
November . . .		18·69	...		54·1	...	60	1, 2	21·4	...	15	26, 30	29·4	...	28·6	...	055	...	58	...	
December . . .		18·66	...		48·4	...	58	22	15·5	...	8	10	22·6	...	17·2	...	055	...	46	...	
Year . . .					60·4	...	82	VI	...	...	...	...	41·6	...	35·3	...	168	...	58	...

* Aneroid barometer in use.

HRS. L. M. T. AND 17 HRS. I. S. T. (11-30 HRS. G.M.T.) FOR EACH MONTH AND THE YEAR 1942

TABLE III.—ABSTRACT OF OBSERVATIONS RECORDED

STATION	Height of bar. ofstn above mean sea level in feet	Pressure reduced to 32°F and standard gravity inches			Maximum temperature, °F				Minimum temperature, °F				Dry bulb temperature, °F		Wet bulb temperature, °F		Vapour pressure, inches		Relative humidity, %				
		Mean 4 hrs.	Departure from normal	Mean 12 hrs.	Mean	Departure from normal	Highest during the year	Month	Mean	Departure from normal	Lowest during the year	Month	Mean 4 hrs.	Mean 12 hrs.	Mean 4 hrs.	Mean 12 hrs.	Mean 4 hrs.	Departure from normal	Mean 12 hrs.	Mean 4 hrs.	Departure from normal	Mean 12 hrs.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Iran																							
Charbar . . .	25	29°775	...	29°709	...	...	...	...	72°2	...	42	I	75°6	83°2	70°9	74°4	729	...	762	78	...	64
Jask . . .	13	29°701	...	29°716	86°9	+0°2	106	VIII	74°8	+1°6	49	I	79°2	85°0	72°3	76°3	727	...	815	71	...	66	
Bandar Abbas . . .	20	29°780	...	29°698	90°6	...	119	VI	70°3	...	38	I	70°8	87°4	72°8	77°8	757	...	864	71	...	65	
Bushire . . .	14	...	...	...	83°0	+1°1	112	VIII	70°1	+1°6	34	I	73°9	81°1	68°7	75°4	680	...	850	76	...	76
Ispahan . . .	5,817	...	...	...	76°0	...	105	VII	44°9	...	10	I	52°3	74°4	43°7	52°7	216	...	185	53	...	22
Meshed . . .	3,104	26°57*	...	26°51*	72°2	+2°5	101	VI	42°5	-1°1	14	III	49°7	69°5	44°8	53°8	263	...	255	72	...	39	
Seistan . . .	...	28°320	...	28°230	85°4	+3°4	112	VII	52°5	-3°5	24	I	63°0	83°1	52°9	63°9	291	...	396	51	...	32
Arabia																							
Bahrain . . .	12	29°821	...	29°773	86°0	+2°8	111	VIII	73°1	+1°0	41	I	77°3	83°5	71°8	75°1	751	...	806	77	...	67	
Muscat . . .	15	29°791	...	29°717	86°6	+0°2	110	V	77°5	-0°6	57	I	81°7	83°2	74°4	76°7	779	...	857	71	...	74	
Sharjah . . .	18	29°708	...	29°735	90°2	...	113	VII, VIII	68°9	...	40	I	75°2	86°0	69°1	77°3	666	...	859	74	...	66	

*Aneroid.

4 AND 12 HRS. (G. M. T.) FOR THE YEAR 1942

Wind amount, nths of sky)		Rainfall, inches					Number of rainy days, (0·10" or more)		Wind velocity, miles per hour		Wind direction—Number of winds during the year from														STATION				
Departure from normal	Mean 12 hrs.	Total of the year	Departure from normal	Heaviest fall during the year in 24 hours	Month	Total in the year	Departure from normal	Mean	Departure from normal	4 hrs.								12 hrs											
25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
										35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
1. ...	3·2	2·11	...	1·50	XII	4	...	...	...	4	18	57	28	7	4	11	38	193	1	1	2	68	110	110	85	2	30	Iran
5. ...	2·0	5·42	+0·91	2·96	II	9	-0·2	8·4	+0·4	39	65	169	3	2	6	28	51	2	1	1	18	64	62	121	94	4	0	Charbar	
1. ...	1·0	5·60	...	1·96	II	9	...	6·2	...	65	110	25	18	8	14	12	38	65	0	8	4	107	160	74	5	0	6	Bandar Abbas	
5. ...	1·4	5·59	-5·09	1·70	XII	13	-5·2	8·9	+3·1	78	76	53	37	19	3	4	20	75	30	4	2	11	24	25	109	156	4	Bushire	
3. ...	3·4	3·26	-1·25	0·62	II	10	-3·1	1·1	-1·1	3	8	12	6	4	6	8	6	317	15	30	26	20	6	21	6	25	216	Ispahan	
8. ...	3·8	7·07	-2·15	0·80	X	20	-3·6	1·8	+0·5	11	0	24	13	11	0	9	2	295	16	0	123	17	10	0	5	3	191	Meshed	
4. ...	1·6	4·00	+1·98	1·80	III	6	-1·1	2	1	0	0	0	0	0	141	221	1	1	0	0	0	0	0	0	106	257	Selstan
Arabia																													
1. ...	2·0	2·53	-0·45	1·22	II	4	-3·0	6·4	...	35	11	12	15	42	36	77	94	43	127	19	50	30	8	3	8	119	1	Bahrain	
5. ...	1·5	1·65	-2·52	1·04	II	4	-4·8	...	...	10	1	28	13	0	1	18	67	227	3	1	152	0	0	0	4	75	130	Muscat
9. ...	1·9	2·16	...	0·59	II	6	...	6·7	...	1	4	38	105	88	32	13	12	72	66	4	0	0	0	0	1	114	179	1	Sharjah

TABLE IV.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS FOR THE YEAR
1942

STATION	Maximum temperature °F				Minimum temperature °F				Departure from normal				Lowest during the year				Mean dry bulb temperature 8 hrs. L. M. T.				Vapour pressure, inches				Relative humidity %				Rainfall,—inches				Number of rainy days (0°10° or more)		Wind.					
	Mean		Departure from normal		Highest during the year		Month		Mean		Departure from normal		Lowest during the year		Month		Mean		Departure from normal		Mean		Departure from normal		Mean		Departure from normal		Total of the year		Departure from normal		Heaviest fall during the year in 24 hours		Month	Total in the year		Departure from normal	Resultant direction 8 hrs. L. M. T.	Velocity in miles per hour
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
Assam— Lumding . .	85.8	+1.3	101	VI	64.3	-0.2	40	I	60.9	67.2	67.2	...	87	-2	...	58.70	+7.58	2.84	VI	88	+2.5				
Bengal— Pabna . .	87.6	-1.1	104	V	69.7	+1.9	48	XII	75.0	71.6	76.5	+0.14	83	+2	...	58.83	-2.13	8.17	IX	78	-6.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, East and North— Gurdaspur . .	85.2	...	112	VI	62.0	...	31	I	70.2	62.9	51.9	...	70	..	...	55.22	...	4.23	VII	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir— Jammu . .	87.4	+2.6	114	VI	65.4	+0.3	37	I	70.7	61.9	47.1	-0.03	61	+2	3.9	47.94	+5.00	4.62	VII	64	+13.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil . .	68.6	-1.3	9	VII	38.9	+6.7	-2	I	43.7	37.5	20.1	...	60	...	2.8	17.50	+8.33	2.00	II	38	+1.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hyderabad, North— Bidar . .	89.0	+0.3	108	V	70.0	+2.0	56	XII	76.2	68.5	60.6	+0.23	68	+3	4.7	36.94	-0.81	3.85	VIII	58	-1.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore— Balehonnur . .	80.4	...	94	V	63.9	...	48	XII	68.5	66.2	61.8	...	88	...	...	89.42	...	5.01	VIII	123	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet— Yatung (Chumbi). .	58.4	+3.1	73	VII	33.4	-3.0	8	I	40.2	38.7	24.6	-0.11	89	+3	4.9	40.56	-2.34	2.25	IV	99	-6.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Iran— Zahidan . .	79.0	...	102	V, VI	50.2	...	19	XII	65.8	48.8	104	...	31	...	1.2	3.90	...	0.71	II	11	...	...	...	...	...	...	...	...	...	...	...	...	...	8.3	

TABLE V.—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS FOR THE YEAR
1942

DIVISION	STATION	Rainfall,—inches								Number of rainy days (0°10° or more)	DIVISION	STATION	Rainfall,—inches								Number of rainy days (0°10° or more)		
		Total of the year	Departure from normal	Heaviest fall during the year in 24 hours	Month	Total in the year	Departure from normal	Heaviest fall during the year in 24 hours	Month				Total of the year	Departure from normal	Heaviest fall during the year in 24 hours	Month	Total in the year	Departure from normal	Heaviest fall during the year in 24 hours	Month			
		1	2	3	4	5	6	7	8				1	2	3	4	5	6	7	8			
Assam . .	Mawsynram . .	351.22	...	23.62	IX	132	...	...	...	...	Dalhousie . .	181.47	+46.97	7.28	VIII	112	+24.1	...	...	...	...	...
Bengal . .	Bankura . .	51.51	-5.49	4.20	VII	75	+0.7	...	...	Kashmir . .	94.56	+28.17	4.42	II	128	+22.5	...	...	...	...	...	...
	Rajshahi . .	71.04	+14.94	4.46	IX	75	+0.4	...	...	Gurez . .	56.89	...	2.05	II	120	...	...	...	...	...	...	...
	Sirajganj . .	68.37	+3.08	3.46	VIII	83	+0.2	...	...	Baluchistan . .	24.09	+10.75	2.37	VII	28	+4.1	...	...	...	...	...	...
	Rangpur . .	74.06	-7.97	8.67	IX	71	-12.2	...	...	Harnai . .	21.24	-2.54	3.50	VIII	38	+5.5	...	...	...	...	...	...
	Cooch Behar . .	109.18	-37.88	5.51	VI	105	+0.1	Raiputana, East . .	Bombay Deccan . .	230.90	...	14.60	VII	100
	Muzaffarpur . .	53.11*	...	8.00	IX	55*	...	...	...	Khandala . .	40.04	+7.07	2.49	IX	82	+17.3	...	...	...	...	...	...
	Chapra . .	51.82	+7.40	7.29	VIII	64	+10.3	Hyderabad, North . .	Palbani . .	23.94	-4.40	2.90	XII	36	-5.3
	Arrah . .	51.49	+5.87	6.45	IX	62	+5.7	Madras Southeast . .	Iachung . .	67.88	+2.95	3.07	VI	177	+15.5
	Dehri . .	63.17	+20.70	6.98	IX	63	+8.2	...	...	Anantapur . .	11.15	-13.39	4.00	VI	14	-21.0	...	...	...	...	...	...
United Provinces, West.	Meerut . .	59.86	+27.90	5.59	VII	62	+23.5	...	...	Sikkim . .	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, East and North	Dharampore . .	93.80	...	4.10	VIII	88	...	...	...	Lachung . .	...	...	...	...	...	...	...	...	...	...	...	...
	Kyolung . .	25.68	+2.57	2.84	IV	57	+7.6

*Total for 363 days.

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1942

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1942

Station, height of bar. cistern above mean sea level in feet and month	Pressure reduced to 32° F. and standard gravity, inches.			Temperature of air, °F			Wet bulb temperature, °F			Dew pressure, inches				Relative humidity, %			Cloud amount			Wind direction at 12-30 hrs. (I.S.T.). Number of winds from										
	Mean 12-30 hrs. (I.S.T.)			Mean of daily means			Mean 12-30 hrs. (I.S.T.)			Mean minimum			Mean 12-30 hrs. (I.S.T.)			From minimum			Mean 12-30 hrs. (I.S.T.)			Mean of daily means			Departure from normal			Mean 12-30 hrs. (I.S.T.)		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27			
Poona (1,834)																														
January .	28.091	28.076	+ .004	81.4	70.5	+ 1.2	...	62.6	...	381	353	...	...	31	51	...	1.6	5	1	7	6	4	1	2	1	4		
February .	28.070	28.051	+ .008	85.1	74.0	+ 0.6	...	64.1	...	337	387	...	...	28	48	...	2.5	3	1	5	7	4	2	0	2	4		
March .	27.993	27.971	- -.023	96.0	81.4	+ 1.6	...	64.1	...	199	329	...	...	12	36	...	0.9	2	0	8	8	4	1	0	1	7		
April .	27.978	27.956	+ .021	97.9	85.5	+ 1.6	...	68.7	...	336	461	...	...	19	41	...	2.6	1	4	3	3	1	2	4	3	9		
May .	27.928	27.911	+ .011	96.4	84.5	+ 0.6	...	70.3	...	422	528	...	...	25	50	...	1.6	3	1	0	1	1	1	9	10	5		
June .	27.827	27.812	- -.013	85.9	70.9	+ 0.8	...	74.1	...	691	718	...	...	59	73	...	6.9	0	0	0	0	0	2	17	9	2		
July .	27.834	27.813	- -.003	78.3	74.1	- 1.3	...	72.9	...	741	730	...	...	77	86	...	9.5	0	0	0	0	0	0	21	10	0		
August .	27.866	27.848	- -.018	79.0	73.9	- 0.3	...	72.4	...	709	702	...	...	72	84	...	9.2	0	0	0	0	0	3	20	8	0		
September .	27.944	27.935	+ .013	82.2	74.4	- 0.3	...	71.2	...	630	655	...	...	59	75	...	6.4	0	3	2	0	0	1	14	10	0		
October .	27.990	27.993	+ .001	90.9	78.4	+ 2.1	...	67.1	...	369	462	...	...	26	51	...	2.4	2	4	16	4	0	0	1	1	3		
November .	28.072	28.062	+ .016	85.4	72.2	+ 0.1	...	62.2	...	272	310	...	...	22	43	...	1.2	2	4	13	9	1	0	0	0	1		
December .	28.068	28.057	- -.031	79.9	61.3	+ 0.9	...	63.2	...	381	385	...	...	37	58	...	3.9	0	3	11	12	1	0	0	0	4		
Year .	27.978	27.957	- -.001	56.5	76.5	+ 0.6	...	67.7	...	451	502	...	...	39	58	...	4.1	18	21	65	50	16	13	88	55	39		
Hyderabad (Begumpet) (1,778)																														
January .	28.157	28.142	...	81.8	72.8	...	...	66.6	...	463	471	...	...	43	62	...	2.5	0	0	16	11	3	1	0	0	0
February .	28.130	28.108	...	85.8	77.4	...	...	67.7	...	449	457	...	...	37	52	...	2.8	0	3	13	5	2	3	1	1	0
March .	28.042	28.018	...	95.6	84.0	...	...	69.8	...	404	435	...	...	24	39	...	1.3	0	2	6	5	11	5	1	0	1
April .	28.011	27.988	...	97.9	88.8	...	...	75.1	...	585	620	...	...	33	47	...	3.0	1	1	4	5	10	4	4	1	0
May .	27.916	27.893	...	100.3	92.0	...	...	76.1	...	598	648	...	...	31	45	...	3.4	7	3	3	2	2	0	3	11	0
June .	27.829	27.817	...	90.2	84.4	...	...	76.2	...	730	760	...	...	55	69	...	7.6	3	0	0	0	0	4	12	11	0
July .	27.853	27.840	...	82.6	78.2	...	...	74.2	...	737	736	...	...	67	78	...	8.8	0	0	0	0	0	2	23	6	0
August .	27.887	27.871	...	81.9	77.4	...	...	75.3	...	793	780	...	...	73	85	...	8.2	1	0	0	0	0	0	17	13	0
September .	27.964	27.954	...	83.3	77.2	...	...	74.2	...	728	723	...	...	65	79	...	7.6	4	2	0	0	0	1	9	14	0
October .	28.033	28.032	...	87.7	76.0	...	...	69.3	...	490	512	...	...	38	57	...	3.8	5	19	6	0	0	0	0	0	1
November .	28.097	28.097	...	84.2	73.1	...	...	67.3	...	464	466	...	...	40	58	...	3.2	8	13	7	1	0	0	0	0	1
December .	28.125	28.120	...	81.5	71.4	...	...	66.6	...	470	476	...	...	43	63	...	4.5	3	4	11	9	2	0	0	0	2
Year .	28.004	27.990	...	87.7	79.4	...	...	71.5	...	576	590	...	...	46	61	...	4.7	32	47	66	38	30	20	70	57	5
Bangalore (3021)																														
January .	26.945	26.934	+ .016	76.6	68.5	+ 1.9	...	61.5	...	372	418	...	...	41	60	...	3.0	0	3	22	6	0	0	0	0	0		
February .	26.931	26.916	+ .015	81.1	73.2	+ 2.0	...	63.3	...	376	425	...	...	36	54	...	2.2	0	0	11	11	2	2	1	0	1		
March .	26.869	26.855	- -.009	88.7	77.5	+ 1.7	...	61.9	...	246	319	...	...	19	36	...	2.0	0	3	14	11	1	1	1	0	0		
April .	26.863	26.846	+ .036	89.3	80.9	+ 1.8	...	67.9	...	442	498	...	...	32	48	...	4.6	5	3	6	6	3	4	1	1	1		
May .	26.805	26.787	+ .012	88.1	80.3	+ 2.5	...	71.4	...	584	618	...	...	44	59	...	5.4	2	2	1	3	1	4	9	9	0		
June .	26.751	26.745	- -.010	80.5	74.7	+ 1.3	...	70.0	...	619	629	...	...	60	74	...	8.7	0	0	0	0	0	4	20	6	0		
July .	26.779	26.775	+ .015	78.2	72.1	+ 0.7	...	68.6	...	598	609	...	...	62	76	...	9.5	0	0	0	0	0	6	25	0	0		
August .	26.780	26.769	- -.007	76.9	71.6	+ 0.4	...	68.8	...	615	623	...	...	66	77	...	9.5	0	0	0	0	0	2	23	6	0		
September .	26.817	26.815	+ .009	78.4	72.2	+ 0.9	...	68.6	...	592	596	...	...	61	72	...	8.7	2	0	0	0	0	1	14	13	0		
October .	26.844	26.845	+ .006	79.8	72.6	+ 1.3	...	66.7	...	512	548	...	...	50	66	...	7.6	7	7	4	1	0	1	4	6	1		
November .	26.892	26.893	+ .014	76.9	69.8	+ 0.9	...	63.6	...	446	474	...	...	48	63	...	5.1	5	6	8	4	0	0	1	6	0		
December .	26.909	26.900	- -.014	75.4	69.4	+ 2.8	...	65.5	...	520	513	...	...	59	75	...	7.3	2	10	15	4	0	0	0	0	0		
Year .	26.849	26.840	+ .007	80.8	73.6	+ 1.5	...	66.5	...	493	523	...	...	48	63	...	6.1	23	34	81	46	7	25	99	47	3		

TABLE VI.—ABSTRACT OF OBSERVATIONS RECORDED AT 12-30 HRS. (I. S. T.) AND CORRECTED DAILY MEANS
AT 15 FIRST CLASS STATIONS IN INDIA DURING EACH MONTH AND THE YEAR 1942

Station, height in feet above mean sea level in feet and month	Pressure reduced to 32° F. and standard gravity, inches			Temperature of air, °F			Wet bulb temperature, °F			Vapour pressure, inches			Relative humidity %			Cloud amount			Wind direction at 12-30 hrs. (I. S. T.). Number of winds from									
	Mean 12-30 hrs. (I.S.T.)	Mean of daily means	Departure from normal	Mean 12-30 hrs. (I.S.T.)	Mean of daily means	Departure from normal	Mean 12-30 hrs. (I.S.T.)	Mean minimum	Mean 12-30 hrs. (I.S.T.)	From minimum	Mean 12-30 hrs. (I.S.T.)	Mean of daily means	Departure from normal	From minimum	Mean 12-30 hrs. (I.S.T.)	Mean of daily means	Departure from normal	Mean 12-30 hrs. (I.S.T.)	N	NE	E	SE	S	SW	W	NW	Calm	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Madras (22)																												
January . . .	29.938	29.931	+·005	82.8	75.6	+0.2	...	72.3	...	·658	·672	58	73	...	4.0	1	13	16	1	0	0	0	0	0	0	
February . . .	29.919	29.904	+·008	84.9	77.6	+1.2	...	74.1	...	·706	·718	58	72	...	3.5	0	5	11	10	2	0	0	0	0	0	
March . . .	29.826	29.814	-·021	87.8	78.8	-0.7	...	75.6	...	·733	·755	55	72	...	2.8	0	0	4	21	5	0	1	0	0	0	
April . . .	29.782	29.773	+·018	90.3	88.7	+0.1	...	79.8	...	·885	·915	62	76	...	4.3	0	0	3	21	6	0	0	0	0	0	
May . . .	29.656	29.651	-·012	95.4	89.2	+1.0	...	82.7	...	·955	·989	58	75	...	4.5	0	0	1	15	10	3	2	0	0	0	
June . . .	29.597	29.595	-·034	95.3	89.3	+1.5	...	79.6	...	·808	·875	49	68	...	7.7	0	0	0	1	6	8	14	1	0	0	
July . . .	29.640	29.638	-·010	93.9	87.2	+2.0	...	78.0	...	·751	·814	47	65	...	8.5	0	0	0	0	0	6	21	4	0	0	
August . . .	29.648	29.647	-·029	90.5	84.7	+0.7	...	79.0	...	·846	·876	...	...	59	74	...	7.7	1	0	1	3	1	4	15	6	0
September . . .	29.701	29.709	+·002	92.0	85.0	+1.6	...	78.2	...	·791	·859	...	...	53	71	...	7.2	5	0	0	1	3	2	7	12	0
October . . .	29.753	29.763	-·012	87.8	81.0	+0.4	...	78.3	...	·849	·862	...	...	65	79	...	6.9	4	9	7	2	0	1	3	5	0
November . . .	29.837	29.844	-·012	85.0	77.9	+0.1	...	74.9	...	·745	·758	...	...	62	75	...	6.1	5	14	2	1	1	2	2	3	0
December . . .	29.871	29.868	-·042	80.5	76.2	+0.6	...	75.0	...	·844	·832	...	...	81	91	...	8.3	8	16	6	1	0	0	0	0	0
January . . .	29.764	29.761	-·012	88.9	82.1	+0.7	...	77.4	...	·798	·827	...	...	59	74	...	5.9	24	57	51	77	34	26	65	31	0
Kalkanai (7,638)																												
January . . .	22.817	22.797	+·027	61.6	53.5	+1.0	...	51.7	...	·284	·258	+·005	...	53	65	+3	2.7	4	5	2	8	2	0	1	6	3		
February . . .	22.882	22.812	+·031	63.4	55.7	+2.0	...	54.1	...	·323	·284	+·034	...	57	69	+9	2.6	3	6	3	10	2	0	1	1	2		
March . . .	22.819	22.788	+·005	65.9	58.5	+2.2	...	51.1	...	·224	·200	-·061	...	36	47	-8	2.7	4	18	1	7	0	0	0	0	1		
April . . .	22.820	22.795	+·032	65.4	59.6	+0.4	...	57.4	...	·389	·361	+·032	...	64	74	+9	6.3	7	16	2	3	1	0	0	0	1		
May . . .	22.781	22.760	+·018	67.8	61.4	+1.3	...	60.0	...	·437	·404	+·036	...	65	76	+4	5.8	5	12	1	7	0	0	0	2	4		
June . . .	22.724	22.703	+·003	64.0	59.1	+1.9	...	58.4	...	·431	·395	+·020	...	78	83	+5	7.6	2	3	1	0	0	0	9	13	2		
July . . .	22.738	22.718	+·031	60.4	56.6	+0.9	...	56.7	...	·422	·408	+·041	...	81	86	+3	8.8	0	0	0	0	1	0	14	12	4		
August . . .	22.730	22.709	+·008	60.6	56.5	+0.6	...	56.4	...	·411	·374	+·005	...	78	85	+2	8.1	2	0	2	3	2	0	8	13	1		
September . . .	22.767	22.752	+·036	61.6	56.6	+1.0	...	57.1	...	·418	·381	+·008	...	77	84	+1	8.4	3	1	0	5	0	0	3	17	1		
October . . .	22.761	22.750	+·011	59.0	55.1	+0.2	...	55.3	...	·404	·373	+·007	...	80	90	+5	8.8	9	2	0	1	2	1	1	15	0		
November . . .	22.770	22.774	+·015	59.6	53.7	+0.3	...	53.1	...	·337	·315	-·024	...	66	80	-3	5.7	1	3	4	6	1	0	0	13	2		
December . . .	22.779	22.767	+·007	58.5	54.0	+1.0	...	54.6	...	·387	·368	+·104	...	80	81	+15	7.1	5	9	2	11	0	0	0	4	0		
April . . .	22.778	22.760	+·018	62.3	56.7	+1.0	...	55.5	...	·372	·343	+·018	...	67	77	+4	6.2	45	75	18	61	11	1	37	96	21		

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT
14 STATIONS DURING EACH MONTH AND THE YEAR 1942

Station, Latitude and Longitude	Month	Bright sunshine.									Nocturnal radiation temperature (1½" above ground).							
		No. of days with duration.					Total hours for the month or year	Percentage of possible hours of sunshine in the month or year	Duration in the month or year				Mean minimum	Departure from normal	Lowest in the month or year	Mean depression below the minimum in shade	Departure from normal	
		No trace	0' to 3 hours	3' to 6 hours	6' to 9 hrs	Above 9 hours			Hours	Date	Hours	Date						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
CALCUTTA— Lat. 22° 32' N. Long. 88° 20' E.	January	0	1	1	5	24	284.8	84	10.3	20	1.1	1	51.4	+2.8	44.2	23	4.4	-1.4
	February	0	1	2	7	18	249.4	78	10.9	23	2.4	19	56.2	+2.7	44.2	7	4.1	-1.7
	March	0	0	1	5	25	289.9	78	10.7	9	5.8	5	67.9	+4.5	59.0	9	4.6	-0.6
	April	0	1	1	17	11	243.9	64	10.8	16	0.1	4	74.7	+8.3	67.0	7	2.9	-1.1
	May	0	0	4	11	16	265.6	65	10.7	14, 16, 17	4.4	19	79.1	+4.4	71.2	13	3.0	+0.3
	June	3	8	7	9	3	145.2	36	10.1	1	0	4, 19, 30	79.5	+2.8	72.6	13	2.3	+0.6
	July	1	18	7	5	0	100.9	24	8.3	13	0	1	78.4	+1.5	76.1	6	1.7	+0.2
	August	4	18	5	3	1	75.1	19	10.3	27	0	4 days	77.3	+0.7	74.4	8	1.4	-0.2
	September	5	6	11	5	3	121.5	33	10.5	20	0	5 days	76.5	+0.9	74.9	28	1.6	-0.7
	October	2	1	3	7	18	250.9	70	10.6	13, 19	0	16, 17	71.7	+1.5	67.0	23	2.9	-0.8
	November	4	2	2	5	17	208.8	63	10.3	11	0	4 days	64.6	+6.2	56.2	25	3.3	-1.9
	December	0	0	2	9	20	271.8	81	9.9	9	3.3	16	52.5	+8.9	44.2	28	4.7	-1.5
	Year	19	56	46	88	156	2,507.8	58	10.9	II	0	6 months	69.1	+2.9	44.2	I, II, XII	3.1	-0.7
NEW DELHI— Lat. 28° 39' N. Long. 77° 15' E.	January	2	3	4	8	14	220.6	68	10.2	22, 25	0	7, 27	37.2	...	24.5	11	6.2	...
	February	1	2	1	6	18	237.9	76	10.9	23	0	19	46.2	...	34.4	5	6.2	...
	March	0	1	1	5	24	279.1	75	10.2	30, 31	1.3	5	50.9	...	44.4	1	9.4	...
	April	0	0	4	8	18	272.2	76	11.4	19, 26	3.1	15	60.2	...	51.5	1	12.5	...
	May	3	1	9	10	8	197.9	49	11.0	1	0	12, 18, 14	72.2	...	59.0	31	9.5	...
	June	4	4	8	5	9	182.9	44	12.2	21	0	4 day	77.7	...	66.9	10	7.8	...
	July	3	8	7	9	4	156.9	37	12.9	9	0	3, 29	...	...	...	...	...	...
	August	3	10	6	9	3	134.0	33	11.7	4	0	2, 9, 12	75.9	...	74.1	16	2.3	...
	September	3	4	3	7	13	197.2	53	10.1	27	0	3, 4, 8	70.5	...	59.3	30	8.0	...
	October	0	0	0	1	30	311.2	88	10.8	20	8.3	12	53.8	...	48.0	31	9.7	...
	November	0	0	0	0	30	300.4	91	10.4	5	9.7	20, 21, 30	42.7	...	35.4	30	11.0	...
	December	0	4	2	7	18	245.5	77	9.9	21, 27	1.2	16	35.5	...	26.0	27	9.4	...
	Year	19	37	46	75	189	2,735.8	64	12.0	VII	0	7 months	...	...	24.5	I	...	...
LAHORE— Lat. 31° 35' N. Long. 74° 20' E.	January	1	8	5	7	10	186.9	58	10.2	29	0	16	34.9	+3.2	27.3	10, 11	4.7	-3.8
	February	0	4	7	9	8	189.6	61	10.3	28	0.8	9, 18	44.4	+8.6	31.3	4	4.2	-4.2
	March	0	1	3	6	21	284.2	77	11.5	29	0.5	5	49.7	+4.0	40.5	1	7.2	-0.4
	April	0	1	1	7	21	292.8	75	12.5	29	2.2	7	61.4	+5.8	52.9	19	6.1	-1.6
	May	1	3	3	5	19	272.4	64	12.8	30	0	14	69.7	+5.0	61.9	1	4.9	-2.3
	June	2	5	2	5	16	241.9	57	12.7	8	0	25, 26	75.3	+1.2	67.1	2, 18	4.5	-0.3
	July	1	4	5	10	11	223.3	51	12.3	5	0	14	78.7	+1.7	72.1	18	1.9	-1.2
	August	0	5	6	8	12	221.8	54	11.2	7	0.2	12	77.6	+2.3	71.1	17	1.4	-1.9
	September	1	1	0	5	23	275.1	74	11.2	8	0	5	70.6	+8.4	58.1	30	3.4	-2.2
	October	0	0	1	1	29	301.0	86	10.5	4 days	5.4	11	56.0	+4.8	50.1	5	5.5	-2.9
	November*	0	1	2	2	24	256.1	84	10.2	1, 2	3.0	29	47.8	+9.9	38.1	30	5.1	-4.2
	December	2	3	2	13	11	222.7	72	9.0	1	0	14, 15	36.0	+4.5	28.1	27	5.9	-3.0
	Year†	8	36	37	78	205	2,970.8	67	12.8	V	0	6 months	58.5	+4.5	27.3	I	4.6	-2.3

(a) Mean of 30 days.

(b) Mean of 29 days.

(c) Mean of 28 days.

(d) Mean of 27 days.

(e) Mean of 25 days.

(f) Mean of 24 days.

(g) Mean of 22 days.

*Observations of bright sunshine for 29 Days. †Date of bright sunshine available for 364 Days.

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT
14 STATIONS DURING EACH MONTH AND THE YEAR 1942.

tion, Latitude
Longitude.

JAGAR—
Lat. 34° 05' N.
Long. 74° 50' E.

HAWAR
Lat. 34° 01' E.
Long. 71° 85' E.

RACHI
(HIGH ROAD)
Lat. 24° 53' N.
Long. 67° 07' E.

Bright sunshine.

Nocturnal radiation temperature
(1 ft above ground).

Month.	No. of days with duration.	Duration in the month or year.							Nocturnal radiation temperature (1 ft above ground).									
		Maximum		Minimum		Mean minimum.		Departure from normal.		Lowest in the month or year.		Mean depression below the minimum in shade.		Departure from normal.				
		Hours	Date	Hours	Date	14	15	16	17	18	19	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JAGAR— Lat. 34° 05' N. Long. 74° 50' E.	January . .	...	...	...	...	...	...	...	...	...	...	...	25.5	...	16.1	2	4.0	...
	February . .	...	...	...	...	...	...	...	...	...	...	...	29.3	...	22.4	14	3.4	...
	March . .	...	...	...	...	...	...	...	...	...	...	...	33.6	...	28.3	14	6.9	...
	April . .	...	...	...	...	...	...	...	...	...	...	...	41.2	...	33.4	8	5.5	...
	May . .	...	...	...	...	...	...	...	...	...	...	...	48.6	...	39.3	5	4.1	...
	June . .	...	...	...	...	...	...	...	...	...	...	...	58.4	...	45.3	6	4.8	...
	July . .	...	...	...	...	...	...	...	...	...	...	...	63.7	...	53.5	1	3.0	...
	August . .	...	...	...	...	...	...	...	...	...	...	...	62.2	...	52.0	22	3.0	...
	September . .	...	...	...	...	...	...	...	...	...	...	...	50.4	...	36.8	30	5.3	...
	October . .	...	...	...	...	...	...	...	...	...	...	...	33.4	...	29.3	31	7.5	...
	November . .	...	...	...	...	...	...	...	...	...	...	...	27.4	...	21.7	10	7.1	...
	December . .	...	...	...	...	...	...	...	...	...	...	...	24.6	...	18.4	23	5.3	...
	Year . .	...	...	...	...	...	...	...	...	...	...	...	41.1	...	16.1	I	5.0	...
HAWAR Lat. 34° 01' E. Long. 71° 85' E.	January . .	5	9	3	9	5	149.8	48	9.6	25	0	5 days	36.6 (d)	...	28.4	12	4.1	...
	February . .	7	3	3	4	11	151.4	49	10.6	24, 27	0	7 days	39.5	...	28.6	14	4.9	...
	March . .	1	2	4	7	17	228.3	61	10.5	29	0	5	46.8	...	40.8	20	7.9	...
	April . .	0	5	3	7	15	253.1	65	13.0	29	0.8	13	55.1	...	47.9	17	8.8	...
	May . .	2	2	5	5	17	267.9	62	13.7	29	0	3, 14	62.0	...	52.8	30	9.1	...
	June . .	1	1	5	2	21	289.3	67	13.6	8, 22	0	24	69.5	...	60.3	1	8.9	...
	July . .	0	2	2	8	19	294.3	67	13.6	8	1.4	15	77.5	...	70.4	10	2.5	...
	August . .	0	1	3	8	19	288.8	69	12.8	24	2.3	27	76.9	...	68.6	18	2.1	...
	September . .	0	0	4	8	18	258.2	69	10.8	2	3.1	19	69.0 (b)	...	55.0	26	4.9	...
	October . .	0	1	2	10	18	278.8	79	10.9	18, 19	1.5	11	56.4	...	47.1	31	5.2	...
	November . .	0	3	3	8	16	243.1	78	10.3	5	1.6	28	44.4 (a)	...	38.0	27	8.9	...
	December . .	2	5	4	15	5	203.3	66	9.2	1.2	0	14, 31	32.9	...	22.6	30	8.5	...
	Year . .	18	34	41	91	181	2,906.3	65	13.7	V	0	6 months	55.5	...	22.6	XII	6.3	...
RACHI (HIGH ROAD) Lat. 24° 53' N. Long. 67° 07' E.	January . .	0	1	1	14	15	261.7	78	10.0	18	0.1	7	50.1	...	33.8	9	2.6	...
	February . .	1	0	3	5	19	240.8	73	10.6	15, 28	0	18	54.2	...	47.0	21	2.5	...
	March . .	0	0	0	1	30	303.6	82	10.5	14, 29	8.3	26	60.5	...	51.9	7	3.6	...
	April . .	0	0	0	9	21	294.5	79	11.6	26	7.0	7	73.5	...	63.5	1	0.7	...
	May . .	0	0	0	4	27	217.8	77	11.8	4	6.5	25	77.1 (e)	...	72.7	9	2.4	...
	June . .	1	0	2	17	10	237.9	58	10.7	7	0	12	79.0 (b)	...	75.0	18	2.7	...
	July * . .	2	8	10	8	2	138.2	34	10.4	21	0	7, 8	78.6	...	74.6	9	2.4	...
	August * . .	2	4	5	16	3	179.6	46	9.7	29, 30	0	24	75.7	...	73.4	18	2.4	...
	September† . .	0	2	3	9	13	217.9	66	10.7	14	0.5	6	73.7	...	71.2	27	3.1	...
	October . .	0	0	0	5	26	304.1	85	10.5	4, 5	8.2	24	67.2	...	61.3	30	4.5	...
	November . .	0	0	0	1	20	292.5	89	10.2	19	0.0	18	59.5	...	54.0	16	3.7	...
	December* . .	0	0	0	5	25	293.8	92	10.0	6 days	7.3	30	46.4	...	36.4	25	4.8	...
	Year‡ . .	6	15	24	94	220	3,082.4	71	11.8	V	0	4 months	66.3	...	38.8	I	2.9	...

* Observations of bright sunshine for 30 days only.

† Observations of bright sunshine for 27 days only.
(a) mean of 30 days. (b) mean of 29 days. (d) mean of 27 days.

‡ Observations of bright sunshine for 359 days only.
(c) mean of 26 days.

TABLE VII.--ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 14 STATIONS DURING EACH MONTH AND THE YEAR 1942.

Station, Latitude and Longitude.	Month.	Bright Sunshine.												Nocturnal radiation temperature (1½° above ground)					
		No. of days with duration.						Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean minimum.	Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the mini- mum in shade.	Departure from normal.
		Nil or trace.	0·1 to 3 hours.	3·1 to 6 hours.	6·1 to 9 hours.	Above 9 hour.	Hours			Hours	Date	Hours	Date						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
JODHPUR-- Lat. 26° 18' N. Long. 73° 01' E.	January	0	1	3	10	17	261·0	79	10·8	19	2·3	27	45·5	...	27·1	9	3·3	...	
	February	0	2	0	8	18	251·6	80	10·9	24	1·0	19	51·3	...	41·6	13	3·8	...	
	March	0	0	0	1	30	301·2	79	10·4	14	8·3	5	57·8	...	49·0	2, 3	5·4	...	
	April	0	0	1	8	20	287·1	78	12·0	25	5·3	8	72·7	...	65·2	20	3·5	...	
	May	0	1	1	3	28	307·2	74	11·7	6	0·7	12	78·4	...	72·0	10, 14	2·1	...	
	June	0	0	1	9	20	285·9	62	12·0	5, 6	3·6	21	84·0	...	71·1	1	1·1	...	
	July	2	7	6	11	5	159·6	38	10·8	18, 22	0	9, 30	77·9	...	74·0	15, 22	1·7	...	
	August	0	8	8	13	2	165·8	37	9·6	12	0·2	23	75·7	...	72·8	25	1·1	...	
	September	0	2	3	8	17	242·3	66	10·9	2, 11	1·5	5	72·9	...	67·0	27	1·2	...	
	October	0	0	0	5	26	302·8	91	10·7	31	7·7	16	60·7	...	56·0	10	4·5	...	
	November	0	0	0	0	30	321·4	98	10·8	1	10·0	30	49·0	...	44·4	30	6·0	...	
	December	0	0	1	5	25	294·2	90	10·3	17, 18	4·2	15	43·6	...	36·8	10	5·9	...	
	Year	2	21	24	81	286	3,180·1	72	12·0	IV, VI	0	VII	64·1	...	27·1	I	3·3	...	
JAIPUR-- Lat. 26° 55' N. Long. 75° 50' E.	January	0	4	4	7	16	240·5	73	10·2	20, 22, 25	1·7	27	35·6	-0·9	22·1	11	10·1	-0·3	
	February	0	2	1	4	21	251·6	80	10·8	26, 28	0·3	19	44·9	+4·9	30·0	6	9·2	-1·2	
	March	0	0	0	1	30	328·5	88	11·2	9, 30	8·9	5	47·0	-2·1	38·9	7	13·9	+4·1	
	April	0	1	1	10	18	271·7	71	11·3	22, 25	1·8	2	60·4	+1·2	52·9	1	13·1	+3·3	
	May	6	4	8	6	7	164·3	39	10·8	6	0	6 days	69·6	+0·8	59·9	6	9·7	+1·8	
	June	4	4	8	7	7	164·4	40	11·6	13	0	4 days	74·9	-1·0	67·2	1	7·9	+3·5	
	July	4	11	9	7	0	108·5	26	8·8	22	0	4 days	75·4	+0·2	71·9	18	1·9	-1·1	
	August	6	13	10	2	0	77·6	19	8·0	14	0	6 days	72·9	+0·2	69·1	27	2·0	-1·2	
	September	2	3	3	7	15	228·0	62	10·8	22	0	4, 5	66·8	-0·7	53·9	30	4·9	-0·2	
	October	0	0	0	0	31	327·6	95	11·1	6	9·7	27	51·6	-3·4	46·5	16	11·5	+2·4	
	November	0	0	0	0	30	304·9	94	10·5	2	9·7	30	41·6	-1·5	33·1	29	12·4	+1·8	
	December	0	0	0	5	26	284·1	88	9·8	6 days	6·6	30, 31	35·1	-1·6	29·0	25	11·1	+0·4	
	Year	22	42	44	56	201	2,751·7	62	11·6	VI	0	5 months	56·3	-0·3	22·1	I	9·0	+1·1	
BOMBAY-- Lat. 18° 54' N. Long. 72° 49' E.	January	0	1	0	4	26	298·9	87	10·5	17	3·0	8	59·6	+0·8	50·6	10	7·6	-0·3	
	February	0	0	0	1	27	286·0	89	10·8	22, 23	8·5	19	64·2	+4·8	56·3	22	6·4	-1·0	
	March	0	0	0	7	24	286·4	77	10·1	24, 25	6·4	3	65·9	+4·5	60·8	5	3·5	-2·9	
	April	0	0	0	7	23	293·9	78	11·0	21, 28	7·2	25	74·7	+3·6	68·3	4	4·3	-0·4	
	May	0	1	0	0	30	333·1	83	11·6	27, 28	0·8	17	78·8	+2·4	76·2	5, 9	2·6	-0·3	
	June	10	5	2	13	0	147·5	37	11·9	6	0	10 days	77·8	+1·0	71·0	14	1·7	0	
	July	13	12	4	2	0	45·8	11	6·6	16	0	13 days	75·7	+0·4	73·9	4	1·2	-0·1	
	August	8	10	6	6	1	94·3	24	9·9	24	0	8 days	74·7	+0·3	72·8	11	1·7	+0·1	
	September	2	6	5	12	5	169·2	46	9·7	25	0	2, 3	67·5	-5·9	64·1	24	9·0	+6·9	
	October	0	0	0	11	20	285·7	79	10·4	29, 30	6·8	9	69·0	-1·6	63·5	27	7·0	+2·2	
	November	0	0	0	0	30	300·6	89	10·9	19, 21	9·4	2, 14	61·3	-3·6	56·9	16	7·4	0	
	December	0	2	2	8	19	257·4	75	9·7	2, 3, 8	0·7	21	59·4	-1·1	54·0	1	9·2	+1·0	
	Year	33	37	19	71	205	2,798·8	63	11·9	VI	0	4 months	69·4	+0·4	50·6	I	5·1	+0·4	

(a) Mean of 30 days.

(b) Mean of 29 days.

(c) Mean of 28 days.

(d) Mean of 27 days.

(e) Mean of 26 days.

TABLE VII.—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE
14 STATIONS DURING EACH MONTH AND THE YEAR 1942.

Station, latitude and longitude.	Month.	Bright sunshine.												Nocturnal radiation temperature (11° above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.				Mean minimum.	Departure less from normal.	Lowest in the month or year.	Date.	Mean less depression below the minimum in shade.	Departure less from normal.		
		No. or trace.	0 to 3 hours.	3 to 6 hours.	6 to 9 hours.	Above 9 hours.			Hours	Date	Hours	Date								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
NA— Lat. 18° 32' N. Long. 73° 51' E.	January . . .	0	0	1	3	27	304.9	88	10.5	17, 22, 23	4.2	11	47.7	...	39.6	19	6.8	...		
	February . . .	0	0	0	4	24	283.8	88	11.0	8, 14	7.3	2	52.9	...	44.1	22	5.3	...		
	March . . .	0	0	0	2	29	311.8	84	10.8	14	7.8	3	57.1	...	46.1	4	6.7	...		
	April . . .	0	0	1	8	21	297.6	79	12.0	23	5.7	25	65.9	...	54.9	4	6.1	...		
	May . . .	0	1	2	0	28	347.1	86	12.4	19, 20	1.3	17	67.0	...	57.4	4	5.3	...		
	June . . .	4	11	2	4	9	154.6	39	11.8	1.5	0	4 days	70.0	...	65.1	1	3.3	...		
	July . . .	13	11	5	2	0	47.8	12	7.8	7	0	13 days	69.0	...	67.2	1, 2, 5	2.3	...		
	August . . .	2	16	10	3	0	86.1	22	7.9	14	0	4, 26	68.2	...	63.9	22	2.1	...		
	September . . .	1	7	6	11	5	167.9	46	9.7	27	0	2	65.5	...	61.5	24	3.1	...		
	October . . .	0	0	1	7	23	294.5	81	10.8	20, 23, 25	5.7	9	58.7	...	52.0	26	5.8	...		
	November . . .	0	0	2	1	27	299.1	89	11.1	18	5.8	22	48.8	...	41.4	30	6.0	...		
	December . . .	0	2	5	7	17	250.0	73	10.2	5 days	0.2	21	49.2	...	35.5	14	4.5	...		
	Year . . .	20	48	35	52	210	2,844.7	64	12.4	V	0	4 months	60.1	...	35.5	XII	4.8	...		
GALORE— Lat. 12° 58' N. Long. 77° 35' E.	January . . .	0	0	0	14	17	277.2	78	9.8	14	7.3	6	56.8	+2.0	49.6	10	1.9	-1.0		
	February . . .	0	0	0	7	21	267.1	81	10.2	26	8.2	17	60.1	+3.5	52.6	2	2.8	-1.3		
	March . . .	0	0	0	5	26	295.0	79	10.3	14	7.8	3	61.5	+1.3	56.4	19	3.9	-0.3		
	April . . .	1	1	0	9	19	260.6	70	10.8	19	0	24	68.4	+1.9	63.6	7	2.7	0		
	May . . .	0	1	6	14	10	241.6	61	11.3	17	2.2	24	68.8	+1.4	63.8	16	1.8	+0.8		
	June . . .	1	10	5	13	1	186.1	35	9.9	1	0	19	67.3	+1.4	64.2	20	1.1	+0.2		
	July . . .	7	10	12	1	1	91.6	23	9.7	6	0	7 days	65.9	+0.8	69.8	31	0.9	+0.1		
	August . . .	1	14	12	4	0	110.7	28	7.8	14	0	25	65.6	+0.8	62.8	26	0.8	-0.1		
	September . . .	0	8	12	11	4	186.9	51	10.0	7	1.4	27	64.7	+0.3	60.9	14	1.3	+0.3		
	October . . .	0	5	5	18	8	207.9	57	10.1	19	1.0	9	62.5	-0.4	53.3	25	3.1	+1.0		
	November . . .	1	2	5	14	8	220.2	64	10.4	7	0	2	58.7	-0.4	49.9	16	2.9	+0.2		
	December . . .	8	7	7	11	8	154.7	44	9.4	5	0	10, 18, 19	61.3	+5.9	56.2	31	1.2	-1.6		
	Year . . .	14	53	64	116	118	2,449.6	55	11.3	V	0	6 months	68.5	+1.6	49.6	I	2.0	-0.2		
VANDRUM— Lat. 8° 29' N. Long. 76° 57' E.	January . . .	Data not available																		
	February* . . .	0	0	0	5	20	243.8	82	11.2	8	6.2	13	...	...	...	...	...	...
	March . . .	2	1	5	4	19	249.8	67	11.0	6, 19	0	2, 15	...	...	...	...	...	...
	April . . .	2	4	2	10	12	219.4	60	10.6	13, 15, 29	0	24, 25	...	...	...	...	...	...
	May . . .	1	5	7	9	9	194.0	50	10.9	8	0	17	...	...	...	...	...	...
	June (b) . . .	6	9	6	7	2	113.1	30	10.3	6	0	6 days	...	...	...	...	...	...
	July (d) . . .	7	11	7	4	2	95.5	25	10.7	7	0	7 days	...	...	...	...	...	...
	August (g) . . .	3	5	4	13	6	185.7	48	10.2	4, 16	0	15, 21, 25	...	...	...	...	...	...
	September . . .	1	2	7	5	15	225.4	62	10.9	28	0	9	...	...	...	...	...	...
	October (f) . . .	5	4	3	13	6	173.5	47	10.2	19	0	5 days	...	...	...	...	...	...
	November (b) . . .	4	4	3	4	15	214.2	61	11.5	27	0	4 days	...	...	...	...	...	...
	December . . .	10	3	4	5	9	158.4	44	10.9	29, 30	0	9 days	...	...	...	...	...	...
	Year . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 25 days only. (b) Data for 29 day. (d) Data for 27 days. (f) Data for 25 days. (g) Data for 24 days.

TABLE VII—ABSTRACT OF HOURS OF BRIGHT SUNSHINE AND NOCTURNAL RADIATION TEMPERATURE AT 14 STATIONS DURING EACH MONTH AND THE YEAR 1942.

Station, Latitude and Longitude.	Month.	Bright Sunshine.										Nocturnal radiation temperature (11° above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month.		Mean minimum.		Departure from normal.	Lowest in the month or year.	Date.	Mean depression below the minimum in shade.	Departure from normal.	
		NH or trace.	0' to 3 hours.	3' to 6 hours.	6' to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MADRAS— Lat. 13°04'N. Long. 80°15'E.	January . .	0	0	0	9	22	298.8	84	10.8	1, 27	6.8	12	63.3	-2.1	59.6	1	5.4	+2.0
	February . .	0	0	0	1	27	292.9	89	11.2	24	7.0	12	66.1	+0.1	60.2	10	4.6	+2.0
	March . .	0	1	0	0	30	319.3	85	11.2	19	2.8	10	67.1	-2.5	63.0	18, 19	4.2	+1.0
	April . .	0	0	3	2	25	301.2	81	11.6	18, 19, 27	3.1	24	75.0	-0.9	71.6	12	3.1	+1.0
	May . .	0	1	0	4	26	312.7	79	12.8	17	2.0	24	80.2	+0.5	77.2	15, 17	3.0	+1.0
	June . .	2	7	7	6	8	170.1	44	11.2	8	0	3, 4	78.7	-1.4	73.7	25	3.3	+2.0
	July . .	1	10	6	7	7	159.0	40	10.2	18	0	21	77.7	0	71.0	4	2.6	+1.0
	August . .	2	8	7	10	9	198.3	51	11.8	17	0	22, 25	75.9	-0.7	73.0	18, 17	2.3	+1.0
	September . .	0	4	3	12	11	227.8	68	10.5	8, 22	0.2	24	75.2	-0.7	72.9	27	2.8	+1.0
	October . .	3	3	5	4	16	220.8	60	11.1	2, 18	0	8, 12, 31	71.9	-1.8	65.0	24	3.1	+2.0
	November . .	0	4	2	6	18	245.4	71	10.9	27	0.5	19	67.0	-8.5	55.0	15	4.0	+2.0
	December . .	4	9	8	8	7	158.7	44	10.8	1	0	4 days	69.4	+2.1	61.0	2	2.5	+0.0
	Year . .	12	42	36	69	206	2,900.0	66	12.8	V	0	5 months	72.8	-0.9	55.0	XI	3.4	+1.0
KODAIKANAL— Lat. 10°14'N. Long. 77°28'E.	January . .	0	0	8	17	11	252.0	70	10.8	1, 24, 25	4.4	17	(a) 35.8	-2.1	28.0	27	10.3	+3.0
	February . .	0	0	5	6	17	243.1	78	11.1	18	3.5	4	39.7	+1.8	32.7	3	8.4	+1.0
	March . .	0	0	4	3	24	290.4	78	11.0	3, 4	3.7	15	48.3	+2.4	37.1	29	7.6	+1.0
	April . .	1	1	6	7	15	245.9	66	12.0	80	0	24	47.4	+2.4	43.7	6	6.1	-0.0
	May . .	0	2	1	17	11	258.1	66	12.0	8	2.1	28	50.8	+2.7	43.9	10	5.2	-0.0
	June . .	3	11	7	7	2	123.0	32	9.6	2	0	19, 24, 30	51.3	+2.7	48.0	8	3.7	-0.0
	July . .	8	11	8	7	2	123.5	32	11.4	7	0	8, 21, 27	50.1	+1.6	45.1	8	3.0	+0.0
	August . .	1	7	10	9	4	159.3	41	11.3	4	0	23	49.1	+1.2	41.1	22	8.5	+0.0
	September . .	0	10	8	9	8	149.2	41	9.6	2	0.9	20	48.7	+1.8	44.2	15	3.4	-0.0
	October . .	8	9	12	6	1	125.2	34	9.4	25	0	14, 23, 31	47.5	+1.1	43.1	28	3.5	+0.0
	November . .	1	4	7	13	5	190.6	54	10.6	7	0	8	40.7	-4.0	28.1	7	6.7	+2.0
	December . .	9	9	1	7	5	120.5	34	9.9	27	0	9 days	45.7	+5.2	37.4	24	3.8	-3.0
	Year . .	21	64	72	108	100	2,280.8	52	12.0	IV, V	0	7 months	45.0	+1.5	28.0	I	5.3	+0.0

(a) Mean of 30 days. (f) Mean of 25 days.

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 16 STATIONS FOR THE YEAR 1942.

Hour (I. S. T.).	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Month																									
JAMSHEDPUR (50 FEET).																									
January . . .	0·6	0·7	0·5	0·7	0·6	0·6	0·7	1·1	2·5	2·7	3·1	3·3	3·4	2·9	2·6	2·8	0·9	0·4	0	0·2	0·3	0·1	0·4	0·2	
February . . .	0·8	0·5	0·6	1·0	0·9	0·7	0·8	1·0	2·5	3·2	3·4	3·6	4·6	4·4	3·1	2·6	1·9	1·2	1·1	0·9	1·0	1·4	0·8	0·5	
March . . .	1·0	0·7	0·5	1·2	0·8	0·6	0·8	1·0	2·1	2·2	4·2	4·7	4·8	4·2	4·6	3·8	3·5	1·8	0·9	1·7	1·1	0·6	0·8	1·0	
April . . .	1·0	0·9	1·0	0·8	1·0	1·1	1·7	2·2	2·9	3·4	4·7	3·6	3·7	3·6	3·0	4·1	3·5	2·8	2·2	2·1	2·3	1·3	2·0	1·4	
May . . .	1·0	1·0	1·0	0·9	0·9	1·1	2·1	2·5	2·7	3·5	3·7	3·5	4·2	3·5	4·1	4·3	4·4	3·8	3·5	2·5	2·6	2·9	2·2	1·4	
June . . .	1·5	1·3	0·8	1·0	1·3	1·8	2·4	2·7	4·2	4·8	4·0	4·5	5·7	5·8	6·8	6·1	6·7	4·6	3·3	4·0	3·6	2·7	2·0	1·8	
July . . .	1·6	2·1	2·1	2·0	1·9	2·3	2·3	3·2	4·2	4·2	4·9	4·0	5·2	4·9	4·9	4·2	3·5	2·7	2·5	2·0	2·0	1·8	2·1	1·6	
August . . .	1·4	1·7	1·7	1·8	1·5	2·5	3·0	3·1	2·9	3·4	4·2	3·6	3·9	3·2	4·1	3·1	2·5	1·5	1·6	1·3	1·5	1·3	1·4		
September . . .	0·4	0·9	1·3	1·1	0·7	0·6	1·2	2·1	3·1	3·9	3·6	3·5	3·6	3·0	2·0	2·8	2·5	1·7	1·6	1·2	1·0	0·9	0·9		
October . . .	0·8	0·6	0·7	0·6	0·8	0·8	1·0	1·8	2·6	3·2	3·6	4·0	3·9	3·5	2·8	2·8	1·8	1·3	0·7	1·1	0·8	0·6	0·9	1·0	
November . . .	1·0	1·1	0·9	1·2	1·1	1·3	1·5	2·4	2·9	3·2	3·0	3·7	5·0	4·6	4·1	3·2	1·2	0·7	0·6	0·8	0·8	1·0	1·1		
December . . .	0·4	0·5	0·4	0·3	0·3	0·1	0·2	1·2	1·7	2·1	3·2	3·8	3·8	3·6	2·3	0·7	0·1	0·2	0·1	0·3	0·2	0·2	0·5		
Year . . .	1·0	1·0	1·0	1·0	1·0	1·0	1·4	2·1	2·9	3·3	3·7	3·9	4·3	4·0	3·7	3·5	2·8	2·0	1·5	1·5	1·4	1·2	1·2	1·1	
ALLAHABAD (BAMRAULI) (40 FEET).																									
January . . .	3·7	3·8	4·1	4·2	3·5	4·2	3·6	3·6	4·7	5·4	6·1	7·0	7·5	8·0	8·7	8·2	6·7	3·9	3·6	3·6	3·5	3·3	3·6	3·6	
February . . .	3·7	4·3	4·1	4·3	4·0	3·7	4·0	3·7	5·3	6·4	7·4	8·3	9·0	8·7	8·5	8·0	6·0	3·6	3·5	3·3	3·4	3·9	3·5	3·9	
March . . .	3·9	3·8	3·7	4·5	4·2	4·3	4·1	4·2	6·1	7·3	8·0	8·7	9·5	9·6	10·1	9·8	8·6	5·1	3·9	3·2	3·2	3·9	4·2	4·5	
April . . .	4·8	4·5	4·9	4·4	4·5	4·4	4·5	5·9	6·9	7·7	8·1	9·5	9·9	11·7	11·8	11·7	10·9	7·9	5·5	5·2	4·4	4·8	4·5	4·4	
May . . .	4·4	5·4	5·5	4·8	4·9	5·1	6·3	8·8	9·3	10·0	10·6	11·1	11·3	12·0	12·8	12·8	13·2	10·7	7·3	5·8	6·0	4·9	5·7	5·0	
June . . .	5·2	5·9	5·9	6·3	5·6	6·0	6·5	7·6	8·4	8·7	9·4	10·0	10·3	10·3	10·5	10·4	9·7	9·0	7·3	6·4	6·6	7·0	6·7	5·5	
July . . .	4·7	5·2	5·9	5·9	5·6	5·4	6·0	7·4	7·5	7·6	8·0	8·6	8·2	8·8	8·9	9·0	7·8	6·7	5·9	6·5	6·0	4·8	4·5	4·0	
August . . .	4·0	4·8	4·5	4·6	4·6	5·9	6·2	7·1	7·3	8·0	8·6	8·7	8·8	8·5	8·2	7·2	6·0	4·3	4·7	4·6	4·1	3·7	4·3		
September . . .	3·8	3·8	4·0	4·5	4·2	4·7	4·8	5·8	6·6	6·6	7·6	8·0	8·9	8·4	8·3	8·5	7·2	5·8	4·9	4·9	4·8	3·9	3·5	3·1	
October . . .	2·8	2·8	3·0	2·4	2·3	2·5	2·4	3·5	4·5	5·0	7·2	8·7	9·5	10·1	9·7	8·8	5·9	3·9	3·6	3·1	2·6	2·2	2·4	2·7	
November . . .	2·6	2·6	2·8	2·6	2·8	2·9	3·1	3·8	3·8	4·5	6·3	7·4	8·2	8·6	8·5	7·5	4·8	3·0	2·6	2·5	2·5	2·1	2·4		
December . . .	3·3	3·2	3·4	3·2	3·5	3·2	3·2	3·7	4·8	5·3	5·9	6·8	7·3	7·2	7·6	7·0	4·3	3·4	2·3	2·2	2·6	2·9	2·9	3·1	
Year . . .	3·9	4·1	4·3	4·8	4·1	4·8	4·5	5·3	6·3	6·8	7·7	8·6	9·0	9·8	9·5	9·1	7·7	5·7	4·6	4·2	4·0	3·9	3·9		
LAHORE (64 FEET).																									
January . . .	3·1	2·9	3·1	3·2	2·9	2·6	2·6	2·2	2·5	3·4	3·9	4·8	5·5	5·6	5·1	4·5	4·1	2·3	2·3	2·5	2·5	2·4	3·0	3·1	
February . . .	4·9	4·6	5·0	5·0	5·3	5·2	5·1	4·9	5·2	4·6	5·3	6·1	6·1	6·0	5·4	5·5	5·1	4·0	3·6	3·3	3·2	3·4	3·7	4·1	
March . . .	3·3	4·0	3·9	3·8	4·0	4·1	3·9	4·4	3·8	4·2	5·1	5·9	6·4	6·6	7·2	7·1	5·6	5·4	1·5	2·1	2·2	2·4	2·9	3·1	
April . . .	4·9	5·8	5·3	5·1	5·5	5·4	5·1	4·8	4·9	5·8	5·3	6·3	6·8	6·0	5·8	6·3	5·3	4·4	2·6	3·2	3·5	3·9	3·9	4·1	
May . . .	4·3	4·3	4·6	4·6	5·3	5·6	5·5	4·7	4·5	5·0	4·8	5·2	4·4	4·3	3·7	3·0	2·6	2·5	2·4	3·3	4·3	4·3	4·1		
June . . .	4·4	5·0	5·0	5·2	4·7	4·8	5·2	4·7	5·4	5·5	5·3	6·4	6·3	5·8	5·2	5·0	4·2	3·1	2·5	2·2	2·1	3·4	3·6	4·1	
July . . .	4·0	4·9	4·2	4·1	3·5	4·0	4·8	6·1	6·4	6·0	5·6	5·8	6·0	5·0	4·6	4·5	3·1	3·5	3·8	3·6	3·7	3·4	3·3		
August . . .	3·8	4·2	3·7	3·5	4·2	3·8	3·7	4·5	5·2	5·1	5·5	4·8	5·1	4·9	5·8	5·5	4·7	3·6	2·9	3·3	3·8	3·8	3·8		
September . . .	3·4	3·8	3·8	3·8	3·8	3·7	4·5	4·7	5·3	5·0	4·8	5·1	5·6	4·7	3·6	3·4	2·6	1·7	1·5	2·4	3·0	2·8	3·1		
October . . .	3·1	3·1	3·8	3·8	3·6	3·5	3·8	3·8	3·1	3·4	3·9	4·7	4·4	4·8	3·9	2·8	1·8	0·8	0·5	1·2	1·4	1·7	2·5		
November . . .	3·8	3·7	3·9	3·8	3·9	3·6	3·8	3·6	3·2	2·9	2·4	3·5	3·6	3·4	3·8	3·8	2·8	1·0	0·8	1·3	1·7	2·7	3·5		
December . . .	2·6	3·4	2·9	2·8	2·7	2·7	2·6	2·6	2·0	2·4	2·8	3·5	3·7	3·9	3·5	1·6	0·8	1·0	1·3	1·7	2·0	2·3	2·8		
Year . . .	3·8	4·1	4·1	4·1	4·1	4·0	4·2	4·2	4·2	4·4	4·6	5·1	5·3	5·1	4·9	4·5	3·7	2·8	2·2	2·4	2·7	3·1	3·3		

" Figures in Italics are means of data which are not available for a complete month."

TABLE VIII—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 16 STATIONS FOR THE YEAR 1942.

Month (I. S. T.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	PESHAWAR (46 FEET)																							
January . . .	3·2	3·0	3·3	3·3	2·9	3·1	3·2	3·0	2·7	2·5	2·1	1·5	1·6	1·4	2·1	2·3	2·3	2·5	2·4	2·8	3·0	2·5	2·7	2·8
February . . .	2·1	2·6	2·3	2·3	2·0	2·6	2·2	2·1	2·1	1·7	1·9	2·4	2·4	2·8	3·0	3·4	3·4	2·1	2·4	2·7	2·1	2·4	2·4	1·9
March . . .	1·8	2·5	2·4	2·3	2·9	3·3	3·7	3·5	2·3	2·1	2·7	2·8	3·0	2·8	3·2	2·7	2·1	1·2	1·9	2·1	2·9	2·8	2·1	2·0
April . . .	2·0	2·0	2·8	2·7	3·2	3·6	3·4	2·8	2·3	1·8	2·4	3·5	3·8	3·3	3·4	2·9	3·0	2·9	2·1	3·1	3·0	3·2	3·3	2·4
May . . .	3·0	2·6	1·8	2·4	2·7	2·6	2·4	1·9	1·9	2·7	4·4	4·0	3·6	3·4	3·5	3·9	4·8	5·8	3·6	3·8	3·1	3·8	3·5	2·8
June . . .	2·4	1·9	2·3	2·3	2·4	1·7	1·7	1·8	1·7	2·7	3·9	4·2	5·1	4·7	4·8	3·8	4·4	5·2	4·0	4·0	3·7	3·7	3·6	2·2
July . . .	1·6	1·3	1·6	1·8	1·7	2·0	2·5	2·6	2·7	3·0	3·0	3·1	2·9	3·3	3·6	5·1	5·1	4·5	3·1	2·3	2·1	2·3	2·0	1·5
August . . .	3·3	3·1	3·3	2·9	3·6	3·4	2·9	3·0	3·0	2·7	3·3	3·4	4·2	5·2	5·4	5·5	5·7	5·3	4·1	3·7	3·1	3·2	3·1	3·2
September . . .	2·2	2·0	1·9	2·0	2·1	2·1	2·0	2·4	2·8	2·6	2·3	3·0	3·4	3·9	3·5	4·4	4·4	4·1	4·1	3·3	2·5	2·5	1·9	1·9
October . . .	2·8	3·0	2·6	3·3	3·0	2·8	3·1	2·5	1·3	0·6	0·9	1·3	1·6	2·0	1·8	2·3	2·5	2·2	2·1	2·5	2·7	2·5	2·5	2·7
November . . .	1·7	1·7	2·2	2·3	2·1	2·0	2·0	1·9	0·9	0·8	0·7	1·0	0·9	1·0	1·0	0·8	0·7	1·1	1·1	1·5	1·9	1·4	1·6	1·6
December . . .	1·7	1·5	1·5	1·9	1·7	1·5	1·6	1·4	1·3	1·0	0·8	1·0	1·2	0·8	1·0	0·6	0·6	0·8	0·7	1·3	1·6	1·7	1·7	1·4
January . . .	2·3	2·3	2·3	2·4	2·7	2·6	2·6	2·4	2·1	2·0	2·5	2·6	2·8	2·9	3·0	3·2	3·3	3·1	2·6	2·7	2·9	2·7	2·5	2·2
February . . .	8·0	8·0	3·5	3·1	2·6	3·0	2·4	2·8	3·9	4·9	8·3	9·0	7·5	6·7	7·7	8·0	8·0	8·1	6·5	5·2	4·0	3·2	3·2	2·0
March . . .	1·7	2·0	1·5	0·9	1·8	1·5	1·7	1·1	1·8	3·3	6·1	5·0	5·8	5·3	6·8	8·5	8·3	9·7	8·3	6·1	3·8	2·6	1·5	1·2
April . . .	1·3	0·9	2·6	2·0	2·3	1·1	1·2	1·3	2·1	4·0	5·1	6·4	6·3	7·5	9·9	11·5	10·9	11·5	9·9	8·0	5·4	3·9	2·8	1·2
May . . .	3·5	3·7	3·6	3·6	3·4	3·3	3·1	4·4	7·3	8·9	10·3	10·7	12·5	14·4	15·6	15·5	15·6	15·4	13·3	10·4	8·1	5·0	4·6	4·3
June . . .	8·0	8·0	7·1	7·3	6·2	5·9	5·8	9·4	12·0	13·0	13·8	14·8	16·1	16·8	17·1	17·0	16·6	16·2	14·5	13·4	11·9	10·0	8·8	8·3
July . . .	7·5	7·9	6·9	7·6	6·5	5·7	5·9	8·4	11·5	12·4	13·6	14·0	16·0	16·5	16·8	17·2	16·7	16·3	18·3	12·3	10·2	8·4	8·6	8·4
August . . .	7·5	8·2	8·1	7·8	6·8	6·8	6·5	7·8	7·0	10·9	12·0	13·0	13·6	13·7	15·0	14·6	14·2	13·3	12·3	10·3	9·5	8·7	8·1	7·8
September . . .	8·6	8·6	8·4	7·9	8·8	8·6	8·8	10·6	12·3	13·3	14·2	14·1	15·3	15·8	16·2	16·6	16·8	15·8	13·9	11·8	10·6	9·2	9·3	8·6
October . . .	5·4	4·8	5·3	4·7	4·1	4·1	4·7	4·9	8·8	10·6	10·8	12·3	18·2	18·6	14·1	14·6	13·8	12·7	11·0	9·1	7·0	6·1	6·1	5·5
November . . .	0·7	0·5	0·6	0·4	0·5	0·5	0·6	1·0	2·2	3·3	4·3	5·8	6·6	9·4	10·6	10·2	11·1	9·5	6·0	3·7	2·1	1·7	1·4	0·9
December . . .	0·1	0·1	0·2	0·2	0·3	0·1	0·1	0·1	0·5	1·8	2·9	3·2	3·9	5·6	7·0	7·4	7·5	6·6	3·8	1·6	0·4	0·1	0	0·1
January . . .	1·2	1·4	1·2	1·5	1·4	1·1	1·2	1·0	1·3	3·1	5·5	5·2	4·4	4·3	4·8	5·3	6·1	4·6	3·1	2·5	1·7	1·1	1·1	1·5
February . . .	4·0	4·1	4·1	3·9	3·7	3·5	3·5	4·3	5·9	7·5	8·9	9·0	10·1	10·8	11·8	12·2	12·1	11·6	10·1	7·9	6·2	5·0	4·6	4·2
*BOMBAY (85 FEET).																								
January . . .	8·9	8·7	4·0	4·4	4·7	4·6	4·9	5·0	5·5	5·9	5·8	5·8	6·4	7·4	8·1	8·6	8·9	8·5	8·1	7·4	6·4	5·2	4·4	4·1
February . . .	4·2	4·4	4·9	5·0	5·5	5·1	4·7	4·9	5·1	4·8	5·3	5·6	7·0	8·1	8·8	9·3	9·4	9·0	9·1	8·1	6·9	5·0	4·3	4·3
March . . .	6·3	6·0	5·3	4·9	5·7	4·9	5·0	5·1	5·2	5·0	5·9	7·0	8·3	9·1	9·6	9·4	8·6	8·1	8·0	6·8	6·1	5·9	5·9	6·7
April . . .	5·8	5·2	4·5	3·9	3·7	3·4	3·2	3·8	4·4	4·8	5·8	7·4	8·8	10·4	11·5	11·9	11·7	10·8	8·9	7·7	7·0	7·0	7·1	6·4
May . . .	5·7	5·5	5·7	5·1	5·4	5·0	4·5	4·7	5·2	6·3	7·1	8·3	9·3	9·8	10·4	10·9	10·2	9·7	9·1	8·2	7·3	6·2	5·9	5·7
June . . .	9·3	9·5	10·2	9·2	9·3	7·8	7·4	8·4	8·6	9·0	10·3	11·4	11·8	12·7	12·1	11·3	10·2	10·2	9·6	9·5	9·3	9·1	9·1	9·2
July . . .	13·9	13·8	14·0	13·5	13·8	14·2	15·0	13·8	14·1	13·9	13·8	14·7	15·2	15·0	15·0	15·2	15·0	14·6	13·4	12·5	12·8	13·4	13·2	13·9
August . . .	10·0	10·4	10·1	10·9	9·8	9·3	9·5	9·4	9·3	9·5	9·7	10·7	10·9	11·1	11·1	10·8	10·9	10·6	10·0	10·1	9·6	9·8	9·5	10·2
September . . .	6·5	7·0	7·3	6·8	7·6	7·5	7·4	7·0	7·0	6·9	8·0	8·7	9·4	9·1	8·9	8·0	8·6	8·4	7·4	7·7	7·2	6·4	5·8	6·1
October . . .	5·0	5·0	5·2	5·0	5·1	5·0	5·2	5·5	5·4	5·1	4·8	5·0	6·2	7·7	9·3	10·2	9·9	8·9	8·2	6·8	5·5	4·8	4·4	4·2
November . . .	4·0	4·7	5·4	5·4	5·9	6·6	7·0	7·3	7·1	6·4	5·4	4·8	5·4	6·5	7·7	9·0	9·1	9·5	8·8	7·1	5·7	4·7	4·3	
December . . .	4·5	5·2	5·6	6·0	6·8	7·1	7·2	7·2	6·7	5·9	5·8	5·3	5·7	6·7	7·4	7·8	8·5	8·6	8·6	7·6	6·2	5·8	4·8	
January . . .	6·6	6·7	6·9	6·6	6·7	6·7	6·8	7·0	7·0	7·3	7·9	8·7	9·3	9·9	10·2	10·0	9·7	9·2	8·5	7·7	7·1	6·6	6·7	
February . . .	3·4	3·7	4·3	3·4	3·5	3·5	3·4	2·2	1·3	3·0	4·2	5·0	5·2	5·8	5·5	6·3	6·3	8·0	8·2	7·1	4·8	3·8	3·5	4·1
March . . .	4·8	3·7	4·4	4·2	4·6	3·4	2·6	2·0	3·7	5·5	6·6	6·4	7·5	7·4	7·9	8·9	10·5	10·5	8·8	7·0	3·7	5·3	5·2	
April . . .	5·0	5·5	4·5	4·5	4·7	4·6	3·8	3·5	1·8	3·4	5·2	6·6	6·4	7·3	6·6	7·7	10·8	12·2	13·2	10·2	9·2	7·7	6·7	6·3
May . . .	5·4	5·6	5·2	5·6	4·8	5·5	4·8	4·2	5·0	6·1	6·5	6·8	7·3	9·2	10·1	13·0	15·1	14·4	12·6	10·1	9·1	7·5	6·2	
June . . .	6·6	7·1	6·1	5·8	6·1	6·8	5·8	6·5	6·9	7·5	8·6	9·5	11·8	12·5	12·8	12·7	13·5	14·4	18·1	11·9	10·6	9·5	7·9	7·9
July . . .	10·2	9·1	9·5	8·2	8·8	8·1	7·9	10·1	10·5	10·9	11·0	12·1	13·1	13·0	13·8	14·4	13·6	13·4	13·0	11·7	10·8	10·6	10·0	9·9
August . . .	9·7	9·4	9·9	10·0	9·9	10·0	9·3	10·2	12·0	13·1	14·2	15·4	16·0	14·8	14·4	14·9	14·5	13·1	12·2	10·8	9·6	9·1	8·8	9·1
September . . .	7·9	8·0	7·9	7·2	7·6	6·8	7·5	7·3	10·0	11·7	12·0	13·1	14·1	14·6	15·0	15·5	14·5	13·3	11					

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 16 STATIONS FOR THE YEAR 1942.

Hours (I.S.T.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Month																									
HYDERABAD (BEGUMPET) (60 FEET).																									
January . . .	2.5	2.0	1.8	1.7	2.2	2.1	2.2	1.9	3.0	4.8	5.9	6.4	6.1	5.5	4.7	4.1	4.2	4.4	3.2	1.9	1.6	1.5	2.1	1.1	
February . . .	3.8	3.1	3.0	2.4	2.3	2.1	1.9	2.0	3.2	4.4	6.2	6.9	7.1	7.0	7.0	6.3	6.4	6.3	4.4	4.2	3.3	3.9	4.7	4.4	
March . . .	1.3	0.9	0.5	1.0	1.1	1.5	1.8	2.0	4.8	6.0	6.6	5.5	5.9	5.2	4.6	4.6	4.3	3.8	3.7	3.0	2.5	2.6	2.2	2.1	
April . . .	2.8	1.9	2.3	2.3	2.5	2.4	2.3	3.1	4.1	4.7	5.8	4.7	4.1	4.4	3.2	4.4	5.5	5.0	4.6	3.4	2.7	4.1	4.2	3.3	
May . . .	6.2	6.4	6.6	7.0	6.0	5.1	5.0	7.2	8.2	7.9	7.0	7.7	7.0	6.5	5.6	5.7	6.7	6.6	3.8	3.4	3.5	3.4	4.5	4.4	
June . . .	10.1	10.9	11.3	11.6	11.6	11.2	11.7	12.6	13.2	13.0	14.4	12.1	11.7	11.9	10.6	9.7	9.3	10.6	9.7	9.1	9.3	10.4	10.6	11.1	
July . . .	14.1	13.0	18.3	14.0	18.1	13.0	13.5	14.0	15.5	16.0	16.8	16.8	17.3	15.8	15.6	14.6	12.6	11.5	10.9	10.2	10.5	10.5	12.1	13.1	
August . . .	8.1	8.2	8.7	9.3	8.6	7.5	7.9	8.7	10.4	10.5	10.8	10.8	10.2	8.1	8.9	7.0	6.1	5.0	4.1	4.8	6.3	6.6	7.7	7.7	
September . . .	2.2	3.2	4.5	5.1	5.7	5.4	5.7	6.8	8.2	8.5	9.7	10.9	8.9	8.8	9.0	8.9	7.8	4.9	3.1	3.0	2.2	2.0	1.6	1.1	
October . . .	0.4	0.5	0.8	0.4	0.4	0.7	0.5	0.8	1.7	5.6	8.0	8.6	7.5	8.3	8.7	8.0	7.8	4.4	2.6	2.0	1.0	1.2	0.6	0.1	
November . . .	1.1	1.0	1.4	0.8	1.1	1.0	1.2	1.8	4.6	7.1	8.0	7.8	8.7	7.1	7.8	7.4	6.6	5.0	3.8	3.4	2.6	2.1	1.6	1.1	
December . . .	1.5	1.5	1.1	1.2	1.8	0.9	0.7	0.9	2.5	5.0	5.5	5.4	5.5	4.8	4.2	4.9	4.4	4.3	3.3	2.5	2.5	1.9	1.7	1.1	
Year . . .	4.5	4.4	4.6	4.7	4.4	4.6	5.2	6.7	7.8	8.8	8.6	8.3	8.0	7.4	7.3	6.8	6.1	4.8	4.2	3.9	4.2	4.4	4.4		
*BANGALORE (55 FEET).																									
January . . .	9.4	8.9	8.1	8.3	7.9	7.1	6.5	7.4	9.1	11.4	10.2	8.5	7.7	8.1	7.2	6.5	6.4	5.6	5.7	7.2	9.3	8.7	9.6	9.9	
February . . .	6.8	6.2	6.1	5.7	4.9	4.2	3.8	4.9	5.1	7.1	6.1	6.0	6.3	6.6	5.9	5.9	5.7	5.5	4.4	5.0	6.7	7.0	7.0	7.0	
March . . .	7.1	6.4	5.8	5.9	5.1	4.8	4.5	5.1	6.4	10.5	9.8	9.8	11.3	11.0	11.5	11.1	11.1	10.5	8.7	8.6	9.3	8.8	8.8	8.8	
April . . .	6.2	5.5	4.8	5.5	5.8	5.8	7.4	7.7	7.7	5.4	6.1	6.4	6.9	7.2	7.9	8.3	7.7	6.8	6.5	8.0	8.1	8.2	6.6	6.6	
May . . .	8.9	9.0	8.8	9.0	8.3	9.2	8.8	9.0	9.8	11.7	10.9	9.6	8.7	8.2	9.1	9.3	9.6	8.0	7.4	7.4	8.0	8.9	8.6	8.8	
June . . .	13.8	13.9	18.7	18.3	12.7	12.8	13.5	15.2	15.5	18.8	20.0	17.6	17.4	17.2	17.5	17.1	16.3	15.8	14.1	13.9	14.3	13.7	13.3	13.4	
July . . .	13.4	13.1	12.8	12.7	12.5	12.1	12.6	14.0	15.6	20.5	21.4	19.5	19.3	19.1	19.7	18.8	18.3	18.3	15.8	14.9	14.4	13.7	12.8	13.1	
August . . .	11.1	11.0	10.4	10.1	9.8	9.7	10.2	12.2	13.1	16.1	17.9	15.6	15.4	14.5	14.2	13.2	11.6	10.7	10.8	11.3	10.9	11.1	11.1	11.1	
September . . .	9.2	8.4	8.6	8.6	8.7	8.4	8.8	10.0	10.5	11.5	14.0	11.8	11.9	11.3	11.2	10.5	9.2	8.3	7.0	6.1	6.1	7.4	7.4	8.1	
October . . .	3.8	4.1	3.9	4.1	3.6	3.2	3.7	4.3	5.1	5.5	7.4	6.5	6.8	6.9	6.7	5.7	5.4	3.2	3.4	3.8	3.7	3.8	3.6	4.1	
November . . .	6.0	5.9	5.9	6.1	5.3	5.2	5.1	6.1	7.7	8.8	10.1	8.3	8.0	7.4	7.6	7.1	6.2	4.5	5.0	5.8	5.9	5.7	6.0	6.0	
December . . .	F	8.4	8.0	8.1	7.9	7.5	7.2	6.8	8.1	9.4	10.4	11.4	10.3	10.2	9.6	9.1	8.9	8.3	7.8	7.9	8.1	8.5	8.5	8.0	
Year . . .	8.7	8.4	8.1	8.1	7.6	7.4	7.5	8.6	9.6	11.7	12.1	10.8	10.8	10.7	10.6	10.1	9.9	8.9	8.1	8.2	8.8	8.7	8.7		
MADRAS (117 FEET).																									
January . . .	10.5	9.8	9.0	8.2	7.4	7.0	6.5	6.5	6.0	7.5	9.0	9.3	10.1	10.1	10.1	10.5	10.5	10.6	11.0	11.5	11.4	11.5	10.9	10.9	
February . . .	6.8	6.1	5.8	5.2	4.4	4.2	4.2	3.3	4.6	5.1	6.4	6.9	7.1	7.5	7.9	8.1	8.5	8.3	8.3	8.8	8.6	7.9	7.9	7.7	
March . . .	4.6	4.6	3.6	2.5	2.2	2.5	2.7	2.2	3.2	4.5	6.5	7.5	8.8	8.6	8.9	9.0	8.7	7.9	7.5	7.1	6.4	6.2	5.6	4.4	
April . . .	5.8	5.4	4.7	3.8	3.4	3.6	4.0	5.1	5.2	6.6	8.6	9.8	10.0	10.2	10.5	9.8	10.2	10.0	9.7	9.2	9.2	8.6	7.7	7.7	
May . . .	9.3	8.8	8.2	7.4	7.0	6.5	7.5	8.8	9.7	10.7	11.8	11.7	12.8	12.7	12.4	12.1	11.2	11.2	11.0	10.1	10.5	10.2	9.9	9.9	
June . . .	8.1	7.3	7.2	7.3	8.1	7.9	7.0	9.1	9.7	10.9	12.7	12.8	11.6	11.2	11.6	10.7	10.9	10.8	10.9	11.5	10.4	10.8	10.2	8.8	
July . . .	8.2	7.9	7.4	7.5	7.7	8.0	7.6	9.1	10.9	11.8	14.1	11.6	12.2	11.7	10.3	8.8	9.0	8.3	8.2	7.0	7.6	8.3	7.7	7.7	
August . . .	6.7	7.3	7.0	7.1	6.8	6.8	5.8	6.7	8.8	9.2	11.6	10.5	10.5	10.3	10.3	9.9	8.2	7.3	7.9	7.5	6.8	6.7	6.3	6.3	
September . . .	7.1	6.5	7.0	6.6	6.2	6.1	7.1	7.7	8.0	9.0	7.0	7.0	8.3	8.0	8.2	8.2	7.2	6.5	6.6	6.2	6.6	7.0	6.7	6.6	
October . . .	3.3	3.7	3.6	3.2	3.3	3.6	4.0	3.5	4.0	5.4	5.6	6.5	7.3	8.2	8.6	9.0	8.4	7.4	6.9	6.5	6.0	4.9	4.2	4.0	
November . . .	8.2	8.2	7.1	7.4	7.6	7.4	7.1	6.9	7.0	10.1	10.7	11.2	11.6	12.1	12.4	11.9	11.3	10.6	10.1	9.2	8.6	9.3	7.9	7.9	
December . . .	11.9	11.0	11.2	10.9	10.1	9.7	10.3	10.9	11.1	12.7	12.7	12.8	14.2	13.8	13.9	14.2	13.6	13.9	13.5	13.4	13.2	12.9	12.9		
Year . . .	7.5	7.2	6.8	6.4	6.1	6.1	6.6	7.4	8.6	9.7	9.8	10.3	10.8	10.4	10.2	9.9	9.5	9.3	9.0	8.8	8.7	8.5	7.8		
VIZAGAPATAM (57 FEET).																									
January . . .	2.5	2.7	2.7	3.1	3.4	3.1	3.6	3.4	5.2	7.3	9.7	10.2	11.4	10.0	10.4	9.4	8.2	7.1	6.3	5.1	4.6	4.0	3.0	2.8	
February . . .	2.4	2.4	3.0	2.9	3.1	3.2	2.8	2.5	3.9	6.4	8.1	9.5	11.1	11.0	14.1	10.1	8.7	7.0	5.0	3.8	2.4	1.9	2.2	2.2	
March . . .	4.7	4.2	3.6	2.9	2.7	2.9	3.2	4.4	5.0	7.4	10.0	10.1	10.2	10.1	10.1	10.0	8.2	6.2	5.0	4.9	4.8	4.6	5.1	5.1</td	

TABLE VIII.—MEAN HOURLY WIND VELOCITY IN MILES PER HOUR AT 16 STATIONS FOR THE YEAR 1942.

Month	Hour (I. S. T.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
KODAIKANAL (49 FEET).																									
January	.	3.6	3.5	3.4	3.5	3.3	3.3	3.3	3.0	3.3	3.8	3.8	3.6	3.5	2.9	2.5	2.0	1.7	1.4	1.6	2.5	3.5	3.2	3.2	3.5
February	.	4.3	3.9	4.0	3.9	4.1	4.3	4.5	4.4	5.1	5.4	5.8	5.2	4.9	4.2	3.7	2.8	2.1	1.8	1.8	2.4	2.8	3.3	3.9	3.9
March	.	6.1	6.0	6.0	6.3	6.3	6.6	7.0	7.6	7.9	9.0	8.8	8.5	7.5	6.2	5.5	4.5	3.4	2.3	3.1	3.9	4.6	5.3	6.1	
April	.	3.3	3.1	3.0	3.3	3.1	3.5	3.9	4.2	4.8	5.3	4.9	4.4	4.4	4.4	4.0	3.8	2.9	2.4	2.3	2.6	2.7	2.1	2.4	3.2
May	.	4.0	3.8	4.1	3.8	3.7	4.0	4.0	4.1	4.2	4.4	4.3	3.6	3.7	3.6	3.6	2.6	2.5	2.1	2.5	2.7	2.7	3.0	3.0	3.9
June	.	8.4	8.4	9.0	8.1	8.3	7.9	7.7	7.9	6.8	6.7	6.8	6.4	6.9	6.1	5.9	6.8	6.7	6.8	8.1	8.4	7.5	7.9	7.6	8.7
July	.	9.3	8.9	9.6	10.1	10.1	9.7	9.6	8.6	8.0	7.8	6.9	6.6	6.3	6.2	6.3	6.9	7.7	7.9	9.5	9.5	9.3	9.9	9.0	8.6
August	.	6.8	6.8	6.9	7.1	7.3	7.5	7.5	7.0	6.4	6.5	6.2	5.1	5.2	4.6	5.6	5.4	5.4	6.0	6.0	7.1	7.4	7.2	7.2	6.9
September	.	4.8	4.9	5.0	5.1	5.1	4.8	5.0	4.0	3.8	3.9	3.8	3.3	3.6	2.8	3.2	2.6	2.3	2.1	2.8	3.1	3.3	4.1	3.9	3.3
October	.	3.4	3.3	3.7	3.5	3.6	3.2	3.4	3.5	3.9	4.2	3.8	3.4	3.3	3.6	3.0	2.8	3.3	2.8	2.8	2.6	3.0	3.1	3.2	4.4
November	.	4.6	4.9	4.8	4.9	4.5	5.5	5.4	5.1	4.9	4.9	5.2	5.5	4.6	4.5	4.5	4.1	3.9	3.0	3.8	3.3	2.9	3.6	3.5	3.6
December	.	3.8	4.2	3.5	3.8	4.1	4.4	4.6	4.9	4.5	4.8	4.6	4.6	4.0	4.0	3.3	3.1	2.8	2.8	3.4	3.6	3.4	3.7	3.9	6.0
Year	.	5.2	5.1	5.3	5.3	5.4	5.5	5.4	5.3	5.5	5.4	5.4	5.0	4.8	4.4	4.3	3.9	3.7	3.5	3.9	4.2	4.3	4.6	4.7	5.2

TABLE IX.—NUMBER OF DAYS IN EACH MONTH AND THE YEAR ON WHICH THE NILGIRIS WERE VISIBLE FROM KODAIKANAL IN 1942.

[The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal.]

Month.	1	Very clear.	Visible.	Just visible.	Top only visible.	Total.	
						2	3
January	.	7	..	..	4	11	
February	.	3	..	..	1	4	
March	.	10	..	..	4	14	
April	.	6	..	..	2	8	
May	.	8	..	..	5	13	
June	.	5	..	..	3	8	
July	.	4	..	..	2	6	
August	.	3	..	..	4	7	
September	.	5	..	..	6	11	
October	.	4	..	..	10	14	
November	.	3	1	..	6	10	
December	.	5	1	..	..	6	
Year	.	63	2	..	47	112	

TABLE X.—AVERAGE OVER THE 15 CHIEF POLITICAL DIVISIONS OF THE

DIVISION.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.				
	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.
		3	4		5	6	7		8	9	10		11	12	13		17	18	19	
1	2	3	4																	
Assam . . .	0.23	-0.47	-67	0.96	-0.59	-38	4.77	+0.63	+15	10.22	+1.04	+11	18.62	+6.64	+55	22.72	+4.41	+24		
Bengal . . .	0.08	-0.27	-77	0.55	-0.41	-43	0.85	-0.80	-48	5.04	+1.86	+58	5.81	-1.77	-23	9.48	-5.02	-35		
Orissa . . .	0.23	-0.18	-44	0.87	-0.20	-19	0.11	-0.90	-89	1.26	-0.14	-10	1.20	-1.86	-61	5.53	-3.75	-40		
Bihar . . .	1.01	+0.48	+91	1.99	+1.15	+137	0.74	+0.12	+19	0.88	+0.22	+36	0.98	-1.28	-58	6.52	-1.58	-20		
United Provinces.	1.86	+1.10	+145	2.36	+1.67	+242	0.18	-0.29	-62	0.27	+0.02	+8	0.32	-0.36	-58	3.93	-0.45	-10		
Punjab . . .	1.29	+0.26	+25	2.15	+1.26	+142	0.62	-0.21	-25	0.74	+0.20	+37	0.48	-0.09	-16	1.49	-0.26	-15		
North-West Frontier Province.	8.65	+2.84	+179	8.66	+2.42	+195	0.60	-1.34	-69	0.77	-0.81	-51	0.88	+0.06	+7	0.81	-0.09	-10		
Sind . . .	0.37	+0.25	+208	0.55	+0.37	+206	0.02	-0.16	-89	0.06	-0.04	-40	0.16	-0.09	-36	0.08	-0.26	-76		
Rajputana . . .	0.56	+0.26	+87	0.45	+0.18	+67	0	-0.20	-100	0.11	-0.05	-31	0.42	-0.08	-16	1.54	-0.69	-31		
Bombay . .	0.03	-0.09	-75	0.28	+0.20	+250	0.06	-0.05	-45	0.35	-0.03	-8	0.52	-0.53	-50	10.97	-2.22	+25		
Central India . .	1.49	+1.04	+231	1.24	+0.87	+285	0.11	-0.10	-48	0.04	-0.12	-75	0.04	-0.43	-91	4.37	-0.47	-10		
Central Provinces and Berar.	0.54	+0.02	+4	2.76	+1.94	+237	0.11	-0.43	-80	0.38	-0.11	-22	0.11	-0.56	-84	6.69	-1.20	-15		
Hyderabad . . .	0	-0.20	-100	0.55	+0.29	+112	0.01	-0.41	-98	0.77	+0.09	+13	0.80	-0.10	-11	7.07	+2.20	+45		
Mysore . . .	0	-0.12	-100	0.05	-0.08	-62	0	-0.31	-100	1.54	+0.08	+5	3.62	+0.04	+1	5.52	+0.72	+15		
Madras . . .	0.04	-0.72	-95	0.10	-0.32	-76	0.31	-0.37	-54	3.31	+1.59	+92	2.92	-0.60	-17	8.24	+0.38	+5		
Mean of India . .	0.64	+0.14	+28	1.18	+0.59	+100	0.42	-0.29	-41	1.43	+0.31	+28	1.81	-0.28	-13	6.25	-0.26	-4		

MONTHLY AND ANNUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL IN 1942.

JULY.	AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			YEAR				
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
14·18	-4·65	-25	18·95	-2·87	-17	16·25	+3·72	+30	1·42	-4·26	-75	1·66	+0·71	+75	0·01	-0·34	-97	104·94	+3·97	+4
11·57	-3·34	-22	16·28	+2·31	+17	17·34	+6·47	+60	4·25	-0·74	-15	1·42	+0·68	+80	0·01	-0·16	-94	72·68	-1·24	-2
15·15	+2·46	+19	14·35	+1·28	+10	10·36	+1·48	+17	3·06	-1·83	-37	4·69	+3·20	+215	0·01	-0·26	-96	56·82	-0·70	-1
12·88	+0·35	+8	14·49	+1·64	+18	14·79	+6·25	+78	0·61	-1·95	-76	0·06	-0·26	-81	0·08	-0·08	-73	54·88	+5·06	+10
13·24	+1·74	+15	13·62	+2·44	+22	7·98	+1·66	+26	0·01	-1·33	-99	0	-0·17	-100	0·51	+0·22	+76	44·28	+6·25	+16
8·59	+8·23	+60	8·42	+2·95	+54	3·97	+1·21	+44	0·14	-0·17	-55	0·01	-0·11	-92	1·11	+0·72	+185	29·01	+8·99	+45
5·19	+2·50	+98	8·45	+0·15	+5	1·18	-0·12	-10	0·10	-0·24	-71	0·30	+0·01	+3	0·46	-0·10	-18	21·00	+4·78	+29
2·84	+1·18	+69	1·18	-1·05	-48	0·19	-0·78	-80	0	-0·15	-100	0	-0·08	-100	0·13	+0·06	+86	5·58	-0·72	-12
13·31	+6·58	+98	9·48	+2·67	+39	5·07	+1·80	+55	0	-0·45	-100	0	-0·13	-100	0·09	-0·08	-47	81·08	+9·81	+46
20·39	+5·53	+87	10·53	+1·01	+11	5·40	-1·08	-17	0·76	-1·76	-70	0·07	-0·67	-91	0·84	+0·66	+367	50·20	+5·41	+12
21·47	+10·40	+94	11·37	-0·16	-1	6·71	+1·17	+21	0	-0·95	-100	0	-0·43	-100	0·49	+0·80	+158	47·83	+11·12	+31
21·20	+8·01	+61	14·44	+2·11	+17	7·92	+0·74	+10	0·23	-1·71	-88	0·01	-0·40	-98	0·62	+0·80	+94	54·99	+8·60	+19
6·83	-0·16	-2	9·57	+3·04	+47	3·45	-4·11	-54	0·43	-2·16	-88	0·02	-0·88	-98	0·89	+0·62	+280	30·39	-1·78	-6
8·54	+1·98	+19	5·35	+0·12	+2	3·11	-2·08	-40	4·28	-1·07	-20	1·09	-1·34	-55	0·95	+0·50	+111	34·00	-2·16	-6
8·56	+0·36	+4	6·55	+0·08	0	4·25	-1·68	-28	6·83	-1·00	-13	3·05	-3·09	-50	4·49	+2·34	+100	48·65	-3·08	-6
13·28	+3·07	+30	10·65	+1·41	+15	7·05	+0·89	+14	1·45	-1·26	-46	0·78	-0·39	-35	0·90	+0·45	+100	45·79	+4·28	+11

TABLE XI.—AVERAGE OVER THE 31 SUB-DIVISIONS OF THE MONTHLY AND ANNUAL

SUB-DIVISION.	JANUARY.						FEBRUARY.						MARCH.					
	RAINY DAYS.		RAINFALL.			Actual.	RAINY DAYS.		RAINFALL.			Actual.	RAINY DAYS.		RAINFALL.			
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.		Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.		Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1. Bay Islands . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Assam	0·8	-0·8	0·23	-0·47	-67	1·8	-1·6	0·96	-0·59	-38	7·7	+1·2	4·77	+0·63	+15			
3. Bengal	0·2	-0·6	0·08	-0·27	-77	1·0	-0·6	0·55	-0·41	-43	1·5	-1·0	0·86	-0·80	-48			
4. Orissa	0·5	-0·2	0·23	-0·18	-44	1·7	0	0·87	-0·20	-19	0·3	-1·5	0·11	-0·90	-89			
5. Chota Nagpur . . .	1·0	-0·4	0·43	-0·32	-43	3·7	+1·6	2·44	+1·29	+112	2·1	+0·8	1·07	+0·15	+16			
6. Bihar	2·2	+1·3	1·27	+0·84	+195	2·4	+0·9	1·78	+1·09	+158	1·5	+0·4	0·60	+0·12	+25			
7. United Provinces, East .	3·9	+2·5	2·23	+1·60	+254	3·0	+1·7	2·30	+1·75	+318	0·8	0	0·27	-0·06	-18			
8. Do. do. West .	2·3	+0·4	1·54	+0·67	+77	3·2	+1·6	2·41	+1·61	+201	0·2	-1·1	0·10	-0·49	-88			
9. Punjab, East and North .	2·4	+0·2	1·19	-0·01	-1	3·7	+1·7	2·34	+1·33	+132	0·9	-1·0	0·68	-0·22	-24			
10. Do. Southwest .	1·7	+0·5	1·58	+1·07	+210	2·7	+1·4	1·57	+1·04	+196	0·9	-0·8	0·43	-0·22	-34			
11. Kashmir	6·5	+1·4	4·70	+1·18	+33	9·7	+4·7	7·83	+4·32	+123	2·6	-3·8	1·56	-2·90	-66			
12. North-West Frontier Province .	4·6	+2·2	3·66	+2·24	+179	5·8	+3·1	3·66	+2·42	+105	1·9	-1·9	0·60	-1·34	-69			
13. Baluchistan	5·0	+2·4	2·46	+1·27	+107	2·8	+0·3	1·62	+0·44	+87	1·1	-1·7	0·65	-0·56	-46			
14. Sind	0·9	+0·6	0·37	+0·25	+208	1·0	+0·5	0·55	+0·37	+206	0·1	-0·4	0·02	-0·16	-89			
15. Rajputana, West .	0·4	-0·1	0·15	-0·03	-17	1·0	+0·5	0·43	+0·20	+87	0	-0·5	0	-0·18	-100			
16. Do. East .	1·8	+0·9	0·78	+0·42	+117	1·4	+0·7	0·46	+0·17	+59	0	-0·6	0	-0·22	-100			
17. Gujarat	0·8	+0·1	0·09	0	0	1·0	+0·8	0·67	+0·57	+570	0	-0·2	0	-0·07	-100			
18. Central India, West .	2·6	+1·8	1·88	+1·00	+268	1·7	+1·0	0·81	+0·52	+179	0·1	-0·3	0·08	-0·13	-81			
19. Do. do. East .	3·7	+2·3	1·89	+1·22	+182	3·5	+2·1	2·76	+2·09	+312	0·9	0	0·41	+0·02	+5			
20. Berar	0·1	-0·5	0·02	-0·36	-95	4·4	+3·7	2·67	+2·34	+700	0	-0·7	0	-0·33	-100			
21. Central Provinces, West .	1·9	+0·8	0·85	+0·20	+81	5·6	+4·2	3·19	+2·49	+856	0·5	-0·7	0·14	-0·43	-75			
22. Do. do. East .	1·3	+0·4	0·52	+0·05	+11	5·4	+3·6	2·46	+1·85	+122	0·4	-0·9	0·15	-0·48	-76			
23. Konkan	0	-0·2	0	-0·10	-100	0·1	0	0·08	-0·02	-40	0	-0·1	0·01	-0·06	-83			
24. Bombay Deccan .	0	-0·2	0·01	-0·14	-93	0·3	+0·1	0·11	+0·03	+87	0	-0·3	0·01	-0·13	-93			
25. Hyderabad, North .	0	-0·4	0	-0·22	-100	1·9	+1·8	0·90	+0·60	+200	0	-0·8	0·02	-0·41	-95			
26. Do. South .	0	-0·8	0	-0·18	-100	0·5	0	0·20	-0·08	-18	0	-0·7	0	-0·41	-100			
27. Mysore	0	-0·2	0	-0·12	-100	0·1	-0·1	0·05	-0·08	-62	0	-0·6	0	-0·31	-100			
28. Malabar	0·1	-1·1	0·09	-0·76	-89	0·4	-0·4	0·25	-0·28	-53	1·3	-1·1	0·84	-0·58	-41			
29. Madras, Southeast .	0·1	-1·2	0·08	-0·96	-97	0	-0·7	0·01	-0·46	-98	0·3	-0·5	0·22	-0·29	-57			
30. Do. Deccan . . .	0	-0·4	0	-0·21	-100	0·2	0	0·09	-0·05	-86	0	-0·4	0	-0·21	-100			
31. Do. Coast, North .	0·1	-0·4	0·04	-0·27	-90	0·3	-0·2	0·11	-0·23	-68	0·1	-0·5	0·08	-0·39	-93			

RAINFALL AND NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL IN 1942.

APRIL.					MAY.					JUNE.					JULY.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
...
12.0	-0.1	10.22	+1.04	+11	17.2	+3.2	18.62	+6.64	+55	17.9	+0.1	22.72	+4.41	+24	15.7	-3.4	14.13	-4.65	-25
5.7	+1.3	5.04	+1.86	+58	7.1	-1.6	5.81	-1.77	-23	10.1	-4.2	9.48	-5.02	-35	15.2	-1.4	11.57	-3.34	-22
2.6	+0.1	1.26	-0.14	-10	2.4	-2.4	1.20	-1.86	-61	7.9	-3.3	5.93	-3.75	-40	15.5	+0.3	15.15	+2.46	+10
2.5	+1.0	1.11	+0.43	+63	1.4	-2.3	0.66	-1.40	-68	7.1	-3.5	5.67	-3.15	-36	20.4	+5.3	19.75	+6.92	+54
1.5	+0.4	0.70	+0.11	+19	1.7	-1.5	1.06	-1.21	-58	7.9	-0.7	6.91	-0.86	-11	13.1	-0.4	9.64	-2.68	-32
0.4	-0.1	0.17	-0.02	-11	0.3	-1.0	0.13	-0.55	-81	4.3	-1.2	3.56	-1.23	-26	13.0	+0.4	11.20	-0.26	-2
0.8	0	0.35	+0.05	+17	0.9	-0.6	0.48	-0.19	-28	4.5	-0.3	4.25	+0.21	+5	14.6	+3.1	14.92	+3.46	+30
1.9	+0.7	0.89	+0.34	+62	1.5	+0.1	0.50	-0.12	-19	2.7	-0.2	1.81	-0.25	-12	10.4	+3.6	10.11	+3.79	+60
0.7	-0.6	0.32	-0.20	-38	1.0	0	0.43	0	0	1.0	-0.4	0.55	-0.27	-33	4.8	+1.7	4.12	+1.62	+65
4.6	-1.1	3.45	-0.06	-2	5.6	+1.8	2.93	+0.96	+49	3.4	-0.8	1.80	-0.68	-27	9.1	+1.4	8.20	+1.17	+16
2.0	-1.2	0.77	-0.81	-51	2.6	+0.9	0.88	+0.06	+7	2.0	+0.3	0.81	-0.09	-10	6.5	+2.8	5.10	+2.50	+93
0.1	-1.6	0.04	-0.66	-94	0.4	-0.3	0.18	-0.11	-38	0.3	-0.3	0.09	-0.20	-69	3.4	+1.8	1.98	+1.00	+102
0.2	-0.1	0.06	-0.04	-40	0.3	-0.2	0.16	-0.09	-36	0.2	-0.4	0.08	-0.26	-76	3.3	+1.6	2.84	+1.16	+69
0.5	+0.1	0.17	+0.01	+6	1.6	+0.7	0.68	+0.25	+58	1.6	-0.4	0.80	-0.53	-40	7.1	+2.6	5.50	+1.93	+54
0.3	-0.1	0.08	-0.08	-50	0.8	-0.5	0.27	-0.27	-50	3.1	-0.8	1.96	-0.77	-28	16.2	+6.4	17.68	+9.10	+108
0	-0.1	0	-0.08	-100	0.4	-0.2	0.20	-0.13	-39	3.5	-2.1	4.09	-1.10	-21	15.1	+2.6	17.00	+4.29	+34
0.2	-0.1	0.05	-0.09	-64	0.2	-0.9	0.04	-0.43	-91	5.7	-0.2	4.45	-0.34	-7	18.7	+6.9	22.42	+11.87	+113
0.1	-0.4	0.02	-0.22	-92	0.1	-1.0	0.05	-0.40	-89	5.3	-0.4	4.10	-0.92	-18	18.7	+4.9	18.16	+5.28	+41
1.1	+0.4	0.37	+0.12	+48	0.2	-1.0	0.06	-0.49	-89	10.3	+2.3	6.60	+0.62	+10	18.6	+6.4	12.58	+3.40	+37
0.7	0	0.28	-0.02	-7	0.1	-1.3	0.04	-0.55	-93	8.8	+0.2	6.82	-0.49	-7	21.7	+6.9	24.56	+11.24	+84
1.0	-0.6	0.45	-0.29	-39	0.5	-1.3	0.19	-0.62	-77	8.0	-2.0	6.59	-2.78	-30	20.6	+4.3	23.46	+8.18	+53
1.0	+0.8	0.48	+0.10	+26	1.0	-9	0.55	-1.04	-65	16.1	-2.3	35.86	+10.02	+40	29.5	+3.6	52.36	+18.47	+35
1.3	0	0.53	-0.08	-13	1.5	-0.9	0.72	-0.61	-46	8.9	+1.0	6.81	+1.62	+31	14.2	+3.0	11.24	+3.51	+45
1.4	+0.1	0.56	+0.08	+6	1.4	-0.2	0.46	-0.31	-40	9.4	+1.7	8.15	+2.67	+49	15.1	+3.5	8.67	+0.76	+10
2.5	+0.8	0.99	+0.15	+18	2.8	+0.5	1.18	+0.13	+12	7.0	+0.2	5.99	+1.74	+41	8.0	-2.1	4.70	-1.17	-20
2.4	-0.3	1.54	+0.08	+5	6.2	+0.6	3.62	+0.04	+1	7.7	+0.5	5.52	+0.72	+15	11.1	+1.4	8.54	+1.38	+10
7.8	+2.1	6.13	+2.33	+61	9.3	+0.3	7.24	-0.24	-8	21.2	+0.6	26.95	+2.24	+9	24.3	+3.7	28.33	+4.84	+21
3.4	+1.4	3.38	+2.00	+162	3.3	-0.5	1.97	-0.57	-22	2.5	-0.4	1.31	-0.25	-16	2.5	-1.3	1.04	-1.16	-53
1.9	+0.7	1.02	+0.40	+65	2.8	-0.2	1.19	-0.46	-28	6.6	+2.2	4.58	+2.16	+91	4.5	-1.8	1.82	-1.42	-44
1.5	+0.3	0.96	+0.22	+80	1.3	-1.5	0.68	-1.18	-63	4.9	-1.1	2.89	-1.38	-32	8.7	-0.2	4.73	-0.78	-14

TABLE XI.—AVERAGE OVER THE 31 SUB-DIVISIONS OF THE MONTHLY AND ANNUAL

SUB-DIVISION	AUGUST						SEPTEMBER						OCTOBER					
	RAINY DAYS		RAINFALL				RAINY DAYS		RAINFALL				RAINY DAYS		RAINFALL			
	Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal	Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal	Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal	Actual	Departure from normal	Percentage departure from normal
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51			
1. Bay Islands . . .																		
2. Assam . . .	14·9	-8·0	13·95	-2·87	-17	16·4	+2·6	16·25	+8·72	+30	1·9	-4·8	1·42	-4·26	-75			
3. Bengal . . .	16·4	-0·1	16·28	+2·81	+17	15·8	+3·6	17·34	+6·47	+60	2·4	-2·9	4·25	-0·74	-15			
4. Orissa . . .	16·8	+0·9	14·35	+1·28	+10	14·2	+2·8	10·86	+1·48	+17	3·5	-2·2	3·06	-1·83	-87			
5. Chota Nagpur . . .	18·4	+1·9	16·64	+2·86	+21	15·8	+5·2	14·48	+6·41	+79	1·4	-2·5	0·71	-2·25	-76			
6. Bihar . . .	13·8	-0·3	13·41	+1·03	+8	13·4	+4·4	14·93	+6·16	+70	0·7	-2·0	0·56	-1·80	-76			
7. United Provinces, East . . .	15·3	+2·5	12·18	+0·82	+7	10·7	+3·3	7·99	+1·11	+16	0	-1·7	0·01	-1·88	-99			
8. Do. do. West . . .	15·6	+4·2	14·88	+3·81	+34	8·6	+2·7	7·98	+2·13	+36	0	-0·9	0	-0·87	-100			
9. Punjab, East and North . . .	11·4	+4·6	10·81	+3·86	+60	5·8	+2·4	5·09	+1·70	+50	0·4	-0·2	0·17	-0·22	-56			
10. Do. Southwest . . .	4·0	+0·9	2·84	+0·26	+10	1·6	+0·2	0·99	-0·14	-12	0·2	0	0·06	-0·05	-45			
11. Kashmir . . .	12·1	+3·7	11·56	+3·86	+50	5·4	+1·4	3·87	+0·84	+10	1·4	-0·2	0·74	-0·80	-29			
12. North-West Frontier Province . . .	5·1	+1·0	3·45	+0·15	+5	2·0	0	1·18	-0·12	-10	0·4	-0·3	0·10	-0·24	-71			
13. Baluchistan . . .	0·7	-0·9	0·42	-0·56	-57	0·1	-0·4	0·03	-0·23	-88	0·1	-0·2	0·08	-0·18	-81			
14. Sind . . .	1·6	-1·0	1·18	-1·05	-48	0·5	-0·7	0·19	-0·78	-80	0	-0·2	0	-0·15	-100			
15. Rajputana, West . . .	5·2	+0·1	3·71	-0·45	-11	3·2	+0·7	3·55	+1·49	+72	0	-0·4	0·01	-0·31	-97			
16. Do. East . . .	14·1	+4·8	12·71	+4·43	+54	5·9	+1·0	5·93	+1·98	+50	0	-0·7	0	-0·53	-100			
17. Gujarat . . .	12·2	+1·4	13·85	+5·17	+63	6·9	+1·2	6·19	+1·56	+34	0	-1·2	0	-0·92	-100			
18. Central India, West . . .	14·2	+2·4	11·19	+0·12	+1	7·9	+1·6	6·36	+1·13	+22	0	-1·1	0	-0·81	-100			
19. Do. do. East . . .	15·5	+1·4	12·01	-1·14	-9	9·8	+1·6	7·90	+1·27	+10	0	-1·6	0	-1·42	-100			
20. Berar . . .	12·0	+1·7	11·01	+4·06	+58	8·1	+0·3	4·74	-1·11	-19	0·2	-2·1	0·07	-1·52	-96			
21. Central Provinces, West . . .	16·1	+1·6	13·96	+1·18	+9	10·3	+1·0	7·10	-0·49	-6	0·1	-2·3	0·07	-1·76	-96			
22. Do. do. East . . .	17·9	+2·0	16·76	+1·76	+12	12·1	+2·2	10·36	+2·74	+36	0·8	-2·1	0·45	-1·78	-80			
23. Konkan . . .	25·8	+1·5	18·72	-5·05	-21	14·8	-0·3	11·07	-1·38	-11	2·4	-8·2	1·62	-2·68	-62			
24. Bombay Deccan . . .	8·8	-0·5	5·75	+0·42	+8	5·1	-3·0	2·88	-2·75	-49	1·7	-2·7	0·06	-1·99	-67			
25. Hyderabad, North . . .	13·3	+2·6	12·83	+5·74	+81	8·1	-2·0	4·22	-4·11	-49	1·0	-2·1	0·26	-1·92	-88			
26. Do. South . . .	10·8	+1·0	6·31	+0·38	+6	5·8	-8·7	2·60	-4·11	-61	1·5	-2·8	0·59	-2·42	-80			
27. Mysore . . .	9·7	+1·0	5·35	+0·12	+2	5·5	-2·6	3·11	-2·08	-40	5·5	-2·3	4·28	-1·07	-20			
28. Malabar . . .	17·0	+0·8	11·71	-1·55	-12	7·9	-8·9	8·81	-4·35	-53	12·0	-0·6	12·74	+1·47	+13			
29. Madras, Southeast . . .	5·7	+0·2	4·02	+0·39	+11	5·9	-0·3	4·82	+0·29	+6	6·9	-1·9	5·12	-1·97	-28			
30. Do. Deccan . . .	7·8	+0·7	4·25	+0·85	+9	3·2	-4·8	2·10	-3·67	-64	3·4	-2·4	1·53	-2·69	-64			
31. Do. Coast, North . . .	9·6	+0·7	7·12	+1·21	+20	7·4	-1·2	4·63	-1·73	-27	5·5	-1·6	5·96	-1·08	-15			

RAINFALL AND NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL IN 1942—contd.

NOVEMBER					DECEMBER					YEAR				
RAINY DAYS		RAINFALL			RAINY DAYS		RAINFALL			RAINY DAYS		RAINFALL		
Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal	Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal	Actual	Departure from normal	Actual	Departure from normal	Percentage departure from normal
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
2.0	+0.5	1.66	+0.71	+75	0	-0.8	0.01	-0.34	-97	108.3	-6.9	104.94	+3.97	+4
1.7	+0.7	1.42	+0.63	+80	0	-0.3	0.01	-0.16	-94	77.1	-7.1	72.68	-1.24	-2
3.7	+2.2	4.69	+3.20	+215	0	-0.4	0.01	-0.26	-96	69.1	-4.2	56.82	-0.70	-1
0.4	-0.3	0.12	-0.27	-69	0.1	-0.2	0.04	-0.10	-71	78.8	+6.1	63.12	+10.57	+20
0.1	-0.3	0.03	-0.25	-89	0.2	0	0.03	-0.07	-70	58.0	+2.2	50.92	+2.48	+5
0	-0.3	0	-0.19	-100	0.6	+0.1	0.29	+0.06	+26	52.3	+6.2	40.37	+1.15	+3
0	-0.3	0	-0.15	-100	1.5	+0.8	0.69	+0.34	+97	52.2	+9.6	47.60	+10.58	+29
0	-0.3	0.01	-0.12	-92	2.2	+1.3	1.26	+0.81	+180	43.3	+12.9	34.36	+10.89	+46
0	-0.2	0	-0.08	-100	1.0	+0.5	0.67	+0.45	+205	19.6	+3.2	13.56	+3.48	+36
1.0	+0.1	0.45	-0.03	-6	3.5	+0.4	2.63	+0.70	+36	64.9	+9.0	49.89	+8.47	+20
0.8	+0.3	0.80	+0.01	+3	1.5	+0.4	0.46	-0.10	-18	35.2	+7.6	21.00	+4.78	+29
0	-0.6	0.01	-0.25	-96	2.2	+0.7	1.12	+0.49	+78	16.2	-0.8	8.63	+0.50	+6
0	0	0	-0.03	-100	0.4	+0.2	0.13	+0.06	+86	8.6	-0.1	5.53	-0.72	-12
0	-0.1	0	-0.08	-100	0.3	+0.1	0.11	0	0	20.9	+3.2	15.11	+2.30	+18
0	-0.3	0	-0.16	-100	0.2	-0.3	0.07	-0.14	-67	43.8	+10.0	39.94	+14.02	+54
0	-0.3	0	-0.20	-100	0.1	0	0.01	-0.03	-75	39.5	+2.0	41.60	+9.11	+28
0	-0.7	0	-0.45	-100	0.8	+0.4	0.38	+0.21	+124	52.1	+10.8	47.11	+12.60	+37
0	-0.6	0	-0.38	-100	1.5	+0.9	0.88	+0.62	+288	58.6	+9.2	48.18	+6.07	+14
0	-1.0	0	-0.57	-100	3.0	+2.3	1.33	+0.94	+241	58.0	+11.8	39.54	+7.10	+22
0	-0.8	0	-0.57	-100	1.5	+0.9	0.73	+0.40	+121	67.3	+10.5	57.74	+11.15	+24
0	-0.7	0.02	-0.39	-95	0.5	0	0.14	-0.14	-50	68.5	+4.9	61.55	+7.55	+14
0.8	-1.2	0.16	-0.86	-84	0.7	+0.4	0.51	+0.37	+264	91.7	-2.4	120.87	+12.83	+12
0.2	-1.4	0.08	-0.91	-91	2.2	+1.7	1.49	+1.21	+482	44.2	-3.3	30.55	+0.18	+1
0	-1.3	0	-0.80	-100	1.6	+1.1	1.73	+1.41	+441	53.2	+8.5	37.80	+3.44	+10
0.2	-1.7	0.05	-0.94	-95	0.3	-0.1	0.04	-0.18	-82	39.4	-8.9	22.74	-7.09	-24
1.8	-2.0	1.09	-1.34	-55	2.0	+1.2	0.95	+0.50	+111	52.0	-3.4	34.00	-2.16	-6
4.8	-4.3	3.88	-3.20	-45	7.8	+5.3	5.45	+3.76	+222	114.9	+0.8	107.47	+3.68	+6
8.9	-4.5	2.82	-4.66	-62	9.1	+4.9	6.88	+2.95	+87	43.6	-4.8	31.07	-4.60	-13
1.8	-1.6	0.98	-1.21	-55	1.2	+0.5	0.57	+0.16	+39	32.9	-7.5	18.08	-6.85	-27
4.0	0	3.60	-0.53	-13	1.6	+0.6	1.34	+0.42	+48	45.0	-5.1	32.09	-5.77	-15

TABLE XII.—AVERAGE OVER THE 15 CHIEF POLITICAL DIVISIONS OF THE ACTUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1942.

DIVISION.	JANUARY AND FEBRUARY.				MARCH TO MAY.				JUNE TO SEPTEMBER.				OCTOBER TO DECEMBER.				WHOLE YEAR.	
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Assam	1.19	-1.06	-47	33.61	+8.31	+33	67.05	+0.61	+1	3.09	-3.89	-56	104.94	+3.97	+4			
Bengal	0.63	-0.68	-52	11.70	-0.71	-6	54.67	+0.42	+1	5.68	-0.27	-5	72.68	-1.24	-2			
Orissa	1.10	-0.38	-26	2.57	-2.90	-53	45.39	+1.47	+3	7.76	+1.11	+17	56.82	-0.70	-1			
Bihar	3.00	+1.63	+119	2.50	-0.94	-27	48.63	+6.66	+16	0.70	-2.29	-77	54.83	+5.06	+10			
United Provinces	4.22	+2.77	+191	0.77	-0.63	-45	38.77	+5.39	+16	0.52	-1.28	-71	44.28	+6.25	+16			
Punjab	3.44	+1.52	+79	1.84	-0.10	-5	22.47	+7.13	+46	1.26	+0.44	+54	29.01	+8.99	+45			
North-West Frontier Province .	7.31	+4.76	+187	2.25	-2.09	-48	10.68	+2.44	+30	0.86	-0.33	-28	21.00	+4.78	+29			
Sind	0.92	+0.62	+207	0.24	-0.29	-55	4.24	-0.93	-18	0.13	-0.12	-48	5.53	-0.72	-12			
Rajputana	1.01	+0.44	+77	0.53	-0.33	-38	29.40	+10.86	+54	0.09	-0.66	-88	31.03	+9.81	+46			
Bombay	0.81	+0.11	+55	0.93	-0.61	-40	47.29	+7.68	+19	1.67	-1.77	-51	50.20	+5.41	+12			
Central India	2.73	+1.91	+233	0.19	-0.65	-77	43.92	+10.94	+33	0.49	-1.08	-60	47.33	+11.12	+31			
Central Provinces and Berar .	3.30	+1.90	+146	0.60	-1.10	-65	50.23	+9.64	+24	0.86	-1.90	-69	54.99	+8.60	+19			
Hyderabad	0.65	+0.09	+20	1.68	-0.42	-21	26.92	+0.97	+4	1.34	-2.42	-64	30.39	-1.78	-6			
Mysore	0.05	-0.20	-80	5.16	-0.19	-4	22.52	+0.14	+1	6.27	-1.91	-23	34.00	-2.16	-6			
Madras	0.14	-1.04	-88	6.54	+0.62	+10	27.60	-0.91	-3	14.37	-1.75	-11	48.65	-3.08	-6			

TABLE XIII.—AVERAGE OVER THE 31 SUB-DIVISIONS OF THE ACTUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1942.

Sub-division.	January and February.			March to May.			June to September.			October to December.			Whole Year.			
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Bay Islands .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Assam . .	1.19	-1.06	-47	88.61	+8.81	+83	67.05	+0.61	+1	8.09	-8.89	-56	104.94	+8.97	+4	
3. Bengal . .	0.68	-0.68	-52	11.70	-0.71	-6	54.67	+0.42	+1	5.68	-0.27	-5	72.68	-1.24	-2	
4. Orissa . .	1.10	-0.38	-26	2.57	-2.90	-53	45.89	+1.47	+3	7.76	+1.11	+17	56.82	-0.70	-1	
5. Chota Nagpur .	2.87	+0.97	+51	2.84	-0.82	-22	56.54	+18.04	+80	0.87	-2.62	-76	68.12	+10.57	+20	
6. Bihar . .	8.05	+1.93	+172	2.86	-0.98	-29	44.89	+8.65	+9	0.62	-2.12	-77	50.92	+2.48	+5	
7. United Provinces, East.	4.53	+8.85	+284	0.57	-0.63	-58	84.97	+0.44	+1	0.80	-2.01	-87	40.87	+1.15	+8	
8. United Provinces, West.	8.95	+2.28	+187	0.93	-0.63	-40	42.08	+9.61	+80	0.69	-0.68	-50	47.60	+10.58	+29	
9. Punjab, East and North.	8.58	+1.32	+60	2.07	0	0	27.82	+9.10	+50	1.44	+0.47	+48	84.86	+10.89	+46	
10. Punjab, South-west.	8.15	+2.11	+203	1.18	-0.42	-26	8.50	+1.47	+21	0.78	+0.82	+78	18.56	+8.48	+85	
11. Kashmir .	12.62	+5.50	+77	7.94	-2.09	-21	25.52	+4.69	+28	8.81	+0.87	+11	49.89	+8.47	+20	
12. North-West Frontier Province.	7.91	+4.76	+187	2.25	-2.09	-48	10.58	+2.44	+80	0.86	-0.88	-28	21.00	+4.78	+29	
13. Baluchistan .	4.08	+1.71	+72	0.87	-1.88	-60	2.52	+0.01	0	1.16	+0.11	+10	8.68	+0.80	+6	
14. Sind . .	0.92	+0.62	+207	0.24	-0.29	-55	4.24	-0.98	-18	0.18	-0.12	-48	5.58	-0.72	-12	
15. Rajputana, West	0.58	+0.17	+41	0.85	+0.08	+10	18.56	+2.44	+22	0.12	-0.39	-76	15.11	+2.80	+18	
16. Do. East	1.24	+0.59	+91	0.85	-0.57	-62	38.28	+14.83	+68	0.07	-0.88	-92	89.94	+14.02	+54	
17. Gujarat .	0.76	+0.57	+800	0.20	-0.28	-58	40.68	+9.92	+82	0.01	-1.15	-99	41.60	+9.11	+28	
18. Central India, West.	2.19	+1.52	+227	0.12	-0.65	-84	44.42	+12.78	+40	0.88	-1.05	-78	47.11	+12.60	+87	
19. Central India, East	4.65	+3.31	+247	0.48	-0.60	-56	42.17	+4.49	+12	0.88	-1.18	-56	48.18	+6.07	+14	
20. Berar . .	2.69	+1.98	+279	0.48	-0.70	-62	35.02	+6.97	+25	1.40	-1.15	-45	89.54	+7.10	+22	
21. Central Provinces, West.	4.04	+2.69	+199	0.46	-1.00	-68	52.44	+11.89	+28	0.80	-1.68	-71	67.74	+11.15	+24	
22. Central Provinces, East.	2.98	+1.40	+89	0.79	-1.89	-64	57.17	+9.85	+21	0.61	-2.81	-79	61.55	+7.55	+14	
23. Konkan . .	0.03	-0.12	-80	1.04	-0.99	-49	117.51	+17.11	+17	2.29	-8.17	-58	120.87	+12.83	+12	
24. Bombay, Deccan	0.12	-0.11	-48	1.26	-0.82	-89	26.63	+2.80	+12	2.64	-1.69	-40	80.55	+0.18	+1	
25. Hyderabad North	0.90	+0.88	+78	1.04	-0.69	-40	88.87	+5.06	+18	1.99	-1.81	-40	37.80	+8.44	+10	
26. Do. South	0.20	-0.21	-51	2.17	-0.18	-6	19.69	-3.21	-14	0.68	-8.54	-84	22.74	-7.09	-24	
27. Mysore . .	0.05	-0.20	-80	5.16	-0.19	-4	22.52	+0.14	+1	6.27	-1.91	-23	84.00	-2.16	-6	
28. Malabar . .	0.84	-1.04	-75	14.21	+1.51	+12	70.65	+1.18	+2	22.07	+2.08	+10	107.47	+3.68	+4	
29. Madras, Southeast	0.04	-1.42	-97	5.57	+1.28	+28	11.10	-0.78	-6	14.27	-3.68	-21	81.07	-4.60	-18	
30. Do. Deccan .	0.09	-0.26	-74	2.21	-0.27	-11	12.70	-2.58	-17	8.08	-3.74	-55	18.08	-6.86	-27	
31. Do. Coast North	0.15	-0.60	-80	1.67	-1.85	-45	19.87	-2.68	-12	10.90	-1.14	-9	82.09	-5.77	-16	

TABLE XIV.—AVERAGE OVER THE 31 SUB-DIVISIONS OF ACTUAL NUMBER OF RAINY DAYS WITH THEIR DEPARTURES FROM NORMAL FOR THE FOUR SEASONS OF THE YEAR AND FOR THE WHOLE YEAR, 1942

Sub-Division	January and February		March to May		June to September		October to December		Whole Year	
	Actual	Departure from normal	Actual	Departure from normal	Actual	Departure from normal	Actual	Departure from normal	Actual	Departure from normal
1	2	3	4	5	6	7	8	9	10	11
1. Bay Islands . . . . .	..	..	..	..	..	..	..	..	..	..
2. Assam	2.6	-2.4	36.9	+4.8	64.0	-3.7	8.9	-5.1	108.8	-6.9
3. Bengal	1.8	-1.2	14.8	-1.8	57.5	-2.1	4.1	-2.5	77.1	-7.1
4. Orissa	2.2	-0.2	5.8	-3.8	54.4	+0.2	7.2	-0.4	69.1	-4.2
5. Chote Nagpur	4.7	+1.2	6.0	-1.0	61.2	+8.9	1.9	-8.0	78.8	+6.1
6. Bihar	4.6	+2.2	4.7	-0.7	47.7	+8.0	1.0	-2.8	58.0	+2.2
7. United Provinces, East . . .	6.9	+4.2	1.5	-1.1	48.8	+5.0	0.6	-1.9	52.8	+6.9
8. Do Do West . . .	5.5	+2.0	1.9	-1.7	48.3	+9.7	1.5	-0.4	52.2	+9.6
9. Punjab, East and North . . .	6.1	+1.9	4.3	-0.2	30.3	+10.4	2.6	+0.8	48.8	+12.9
10. Do Southwest	4.4	+1.9	2.6	-1.4	11.4	+2.4	1.2	+0.8	19.6	+8.2
11. Kashmir	16.2	+6.1	12.8	-3.1	80.0	+5.7	5.9	+0.8	84.9	+9.0
12. North-West Frontier Province . . .	10.4	+5.3	6.5	-2.2	15.6	+4.1	2.7	+0.4	85.2	+7.6
13. Baluchistan	7.8	+2.7	1.6	-3.6	4.5	+0.2	2.8	-0.1	16.2	-0.8
14. Sind	1.9	+1.1	0.6	-0.7	5.6	-0.5	0.4	0	8.5	-0.1
15. Rajputana, West	1.4	+0.4	2.1	+0.8	17.1	+2.9	0.8	-0.4	20.9	+8.2
16. Do East	8.2	+1.6	1.1	-1.2	89.3	+10.9	0.2	-1.8	48.8	+10.0
17. Gujarat	1.8	+0.9	0.4	-0.5	37.7	+3.1	0.1	-1.5	89.5	+2.9
18. Central India, West	4.8	+2.8	0.5	-1.3	46.5	+10.7	0.8	-1.4	52.1	+10.8
19. Do Do East	7.2	+4.4	1.1	-1.4	48.8	+7.5	1.5	-1.8	58.6	+9.8
20. Berar	4.8	+8.2	1.8	-1.3	49.0	+10.7	3.2	-0.8	58.0	+11.8
21. Central Provinces, West	7.5	+5.0	1.8	-2.0	56.9	+9.7	1.6	-2.2	67.8	+10.6
22. Do Do East	6.7	+4.0	1.9	-2.8	58.6	+6.5	1.8	-2.8	68.8	+6.9
23. Konkan	0.1	-0.2	2.0	-0.7	86.2	+2.5	3.4	-4.0	91.7	-2.4
24. Bombay, Deccan	0.8	-0.2	2.8	-1.2	37.0	+0.5	4.1	-2.4	44.2	-3.8
25. Hyderabad, North	8.0	+0.9	2.8	-0.9	45.9	+5.8	2.6	-2.8	53.2	+8.5
26. Do South	0.5	-0.2	5.8	+0.6	31.6	-4.6	2.0	-4.6	50.4	-6.9
27. Mysore	0.1	-0.2	8.6	-0.3	34.0	+0.8	9.8	-3.1	52.0	-8.4
28. Malabar	0.5	-1.5	18.4	+1.3	70.5	+0.6	25.5	+0.4	114.0	+0.8
29. Madras, Southeast	0.1	-1.0	7.0	+0.4	16.6	-1.8	19.9	-1.8	45.6	-4.8
30. Do Deccan	0.2	-0.4	4.7	+0.1	21.6	-3.7	6.4	-3.5	32.9	-7.5
31. Do Coast, North	0.4	-0.6	2.9	-1.7	30.6	-1.8	11.1	-1.0	45.0	-6.1

TABLE XV.—SHOWING RAINFALL OF 10" AND OVER, WITH AMOUNTS IN THE PRECEDING
AND FOLLOWING 24 HOURS, DURING THE YEAR 1942.

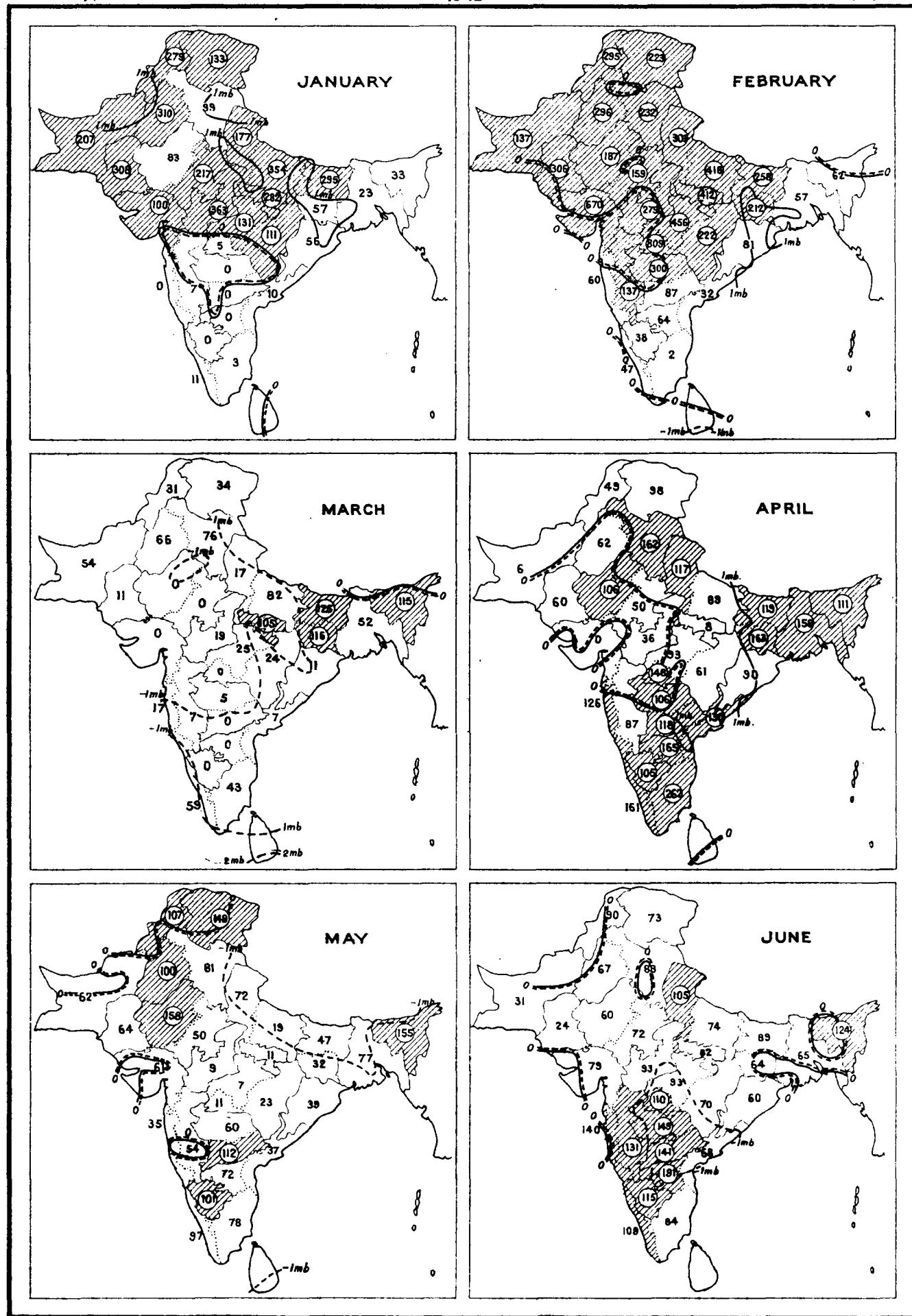
Province and District	Station	Date	AMOUNT			Province and District	Station	Date	AMOUNT		
			Preced- ing day	On date in column 3	Succeed- ing day				Preced- ing day	On date in column 3	Succeed- ing day
1	2	3	4	5	6	1	2	3	4	5	6
ASSAM.											
Sylhet . . .	Sylhet . . .	June 10 .	6.75	15.92	2.53	Nainital . . .	Nainital Tal . . .	June 23 .	0.64	13.00	4.00
Khasi and Jaintia Hills. . .	Cherrapunji Police Station. . .	" 7 .	7.83	21.50	12.16	Muzaffarnagar . . .	Bhainswal . . .	July 31 .	0	12.80	0.80
Do. . . .	Do. . . .	" 8 .	21.50	12.16	23.50	Dehra Dun . . .	Ambari . . .	Aug. 14 .	0	11.00	2.20
Do. . . .	Do. . . .	" 9 .	12.16	23.50	10.00	Saharanpur . . .	Kalsia . . .	" 9 .	1.45	12.75	1.87
Do. . . .	Do. . . .	" 10 .	23.50	10.00	1.80	Muzaffarnagar . . .	Bhainswal . . .	" 12 .	0	11.20	0.40
Do. . . .	Do. . . .	" 25 .	5.20	20.60	18.40	RAJPUTANA					
Do. . . .	Do. . . .	" 26 .	20.60	13.40	6.54	Jaipur . . .	Sawai Madhopur . . .	July 16 .	3.58	11.85	0.25
Do. . . .	Cherrapunji Welsh Mission House. . .	" 7 .	6.54	21.22	13.90	Bundi . . .	Hindoli . . .	Aug. 22 .	1.50	16.27	0
Do. . . .	Do. . . .	" 8 .	21.22	18.90	23.22	BOMBAY					
Do. . . .	Do. . . .	" 9 .	13.90	23.22	9.84	Surat . . .	Bulsar . . .	June 27 .	0.57	10.76	2.71
Do. . . .	Do. . . .	" 25 .	5.84	19.88	13.70	Ratnagiri . . .	Ratnagiri . . .	" 13 .	4.19	10.79	5.80
Do. . . .	Do. . . .	" 26 .	19.88	13.70	9.17	Do. . . .	Chiplun . . .	" 13 .	0.75	11.25	1.47
Do. . . .	Mawsynram . . .	" 6 .	3.30	19.40	19.97	Do. . . .	Khed . . .	" 13 .	0.45	11.75	1.80
Do. . . .	Do. . . .	" 7 .	19.40	19.97	16.60	Do. . . .	Kunita . . .	" 30 .	5.01	10.06	4.78
Do. . . .	Do. . . .	" 8 .	19.97	16.60	8.60	Kanara . . .	Gagan Bavada . . .	" 28 .	4.65	11.80	7.60
Sadiya Frontier Tract	Frontier Denning . . .	" 25 .	8.00	10.50	4.36	Kolhapur . . .	Poona . . .	July 6 .	5.35	12.40	5.03
Do. . . .	Pasighat . . .	" 26 .	8.82	12.84	6.68	Do. . . .	Do. . . .	" 20 .	6.37	11.42	6.35
Kamrup . . .	Mankachar . . .	Sep. 21 .	7.35	10.16	0	Do. . . .	Do. . . .	" 31 .	5.70	14.30	4.12
Garo Hills. . .	Dalu . . .	" 22 .	4.95	12.27	1.13	Do. . . .	Khandala . . .	" 31 .	5.20	14.60	4.21
Do. . . .	Mahendraganj . . .	" 22 .	3.95	11.83	0.44	Kolaba . . .	Matheran . . .	" 19 .	3.41	11.79	5.68
Khasi and Jaintia Hills. . .	Mawphlang . . .	" 22 .	2.48	10.42	0	Do. . . .	Do. . . .	" 28 .	3.28	10.30	2.20
Do. . . .	Cherrapunji Welsh Mission House. . .	" 22 .	8.82	24.88	7.68	Savantvadi . . .	Amboli . . .	" 19 .	8.96	15.98	8.90
Do. . . .	Mawsynram . . .	" 20 .	4.80	18.21	23.62	Kolhapur . . .	Gagan Bavada . . .	" 20 .	5.60	11.80	6.10
Do. . . .	Do. . . .	" 21 .	18.21	23.62	3.42	Rajpipla . . .	Rhalod . . .	" 1 .	0.93	10.00	0.12
Do. . . .	Jowai . . .	" 23 .	8.08	10.08	0.06	Palitana . . .	Palitana . . .	" 1 .	1.00	11.62	0
BENGAL											
Darjiling . . .	Kurseong . . .	June 26 .	8.16	10.90	2.70	Broad and Panch Mahals. . .	Amod . . .	Aug. 5 .	0.05	15.55	0.92
Chittagong . . .	Cox's Bazar . . .	" 30 .	1.45	10.55	8.45	Do. . . .	Halol . . .	" 5 .	1.47	13.80	1.10
Cooch Behar . . .	Mekliganj . . .	" 23 .	3.18	10.92	1.59	Do. . . .	Lonavla . . .	Sept. 3 .	4.18	10.18	2.25
Midnapore . . .	Nayabasan . . .	July 10 .	4.96	13.35	0.50	Do. . . .	Khandala . . .	" 3 .	5.33	12.14	2.60
Do. . . .	Ramnagar . . .	" 9 .	0.55	11.00	0.52	CENTRAL INDIA					
Dinajpur . . .	Itahar . . .	Sep. 21 .	0.64	13.50	0	Gwalior . . .	Sheopur . . .	July 8 .	1.60	10.25	0
Do. . . .	Balurghat . . .	" 21 .	1.83	10.50	0.50	Bhopal . . .	Bilqeessganj. . .	" 18 .	2.45	10.25	0.66
Bangpur . . .	Saidpur . . .	" 21 .	1.01	11.60	4.88	CENTRAL PROVINCES AND BEBAR					
Midnapore . . .	Midnapore . . .	Oct. 17 .	0.72	12.80	0	Bhandara . . .	Bodalkasa . . .	July 12 .	1.35	12.88	0.89
Do. . . .	Dantan . . .	" 16 .	1.15	12.75	0	Do. . . .	Pangree . . .	" 12 .	1.48	10.82	0.72
Do. . . .	Kharagpur . . .	" 16 .	0.30	11.46	0	Do. . . .	Gomdho . . .	" 12 .	1.75	12.15	0.58
Chittagong . . .	Cox's Bazar . . .	Nov. 4 .	0.74	11.97	5.21	Hoshangabad . . .	Pachmarhi . . .	" 12 .	0.88	10.63	6.40
Chittagong Hill Tracts. . .	Nakhyongehhari . . .	" 4 .	0.30	11.23	8.48	Chhindwara . . .	Tamia . . .	" 12 .	2.00	15.53	9.01
ORISSA											
Athmallik . . .	Kishorenagar . . .	July 10th.	0.20	11.60	6.76	Nagpur . . .	Ramtek . . .	" 12 .	0.60	11.07	1.18
Balasore . . .	Jallesore . . .	Oct. 17 .	1.10	14.46	0	Do. . . .	Khindsi . . .	" 12 .	0.28	11.09	0.97
BIHAR											
Gaya . . .	Jahanabad . . .	Aug. 11 .	2.61	13.41	0	Do. . . .	Parceoni . . .	" 12 .	0.42	12.55	2.23
Santal Parganas . . .	Assemboni . . .	" 9 .	0.80	12.40	3.45	Raipur . . .	Gariabund . . .	Aug. 3 .	3.20	11.87	0.67
Patna . . .	Bikram . . .	Sep. 29 .	0.42	10.00	0.30	Bhandara . . .	Bodalkasa . . .	" 4 .	0.71	11.39	0.29
Do. . . .	Naubatpur . . .	" 28 .	0.30	10.20	0.20	Durg . . .	Kharra . . .	Sept. 12 .	1.35	11.88	0
Do. . . .	Paliganj . . .	" 29 .	0.85	11.00	0.32	Raipur . . .	Pundraon . . .	" 12 .	0.20	12.88	0
Gaya . . .	Jahanabad . . .	" 29 .	0.15	10.05	0.05	Do. . . .	Kusrangi . . .	" 12 .	0.30	13.20	0
Saran . . .	Parse . . .	" 29 .	0	10.50	1.55	Do. . . .	Kanki . . .	" 12 .	0.35	12.65	0
Darbhanga . . .	Madhubani . . .	" 30 .	1.01	15.65	0.18	MADRAS					
Do. . . .	Khajani . . .	" 30 .	1.37	15.69	0.03	East Godavari (Plains). . .	Coringa . . .	Oct. 28 .	6.25	10.50	0
Do. . . .	Umgao . . .	" 30 .	2.88	17.83	0						

**SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)**

I.M.D.-A.S. 1942.

1942

Plate A 1.



ABOVE 100%

BELOW 100%

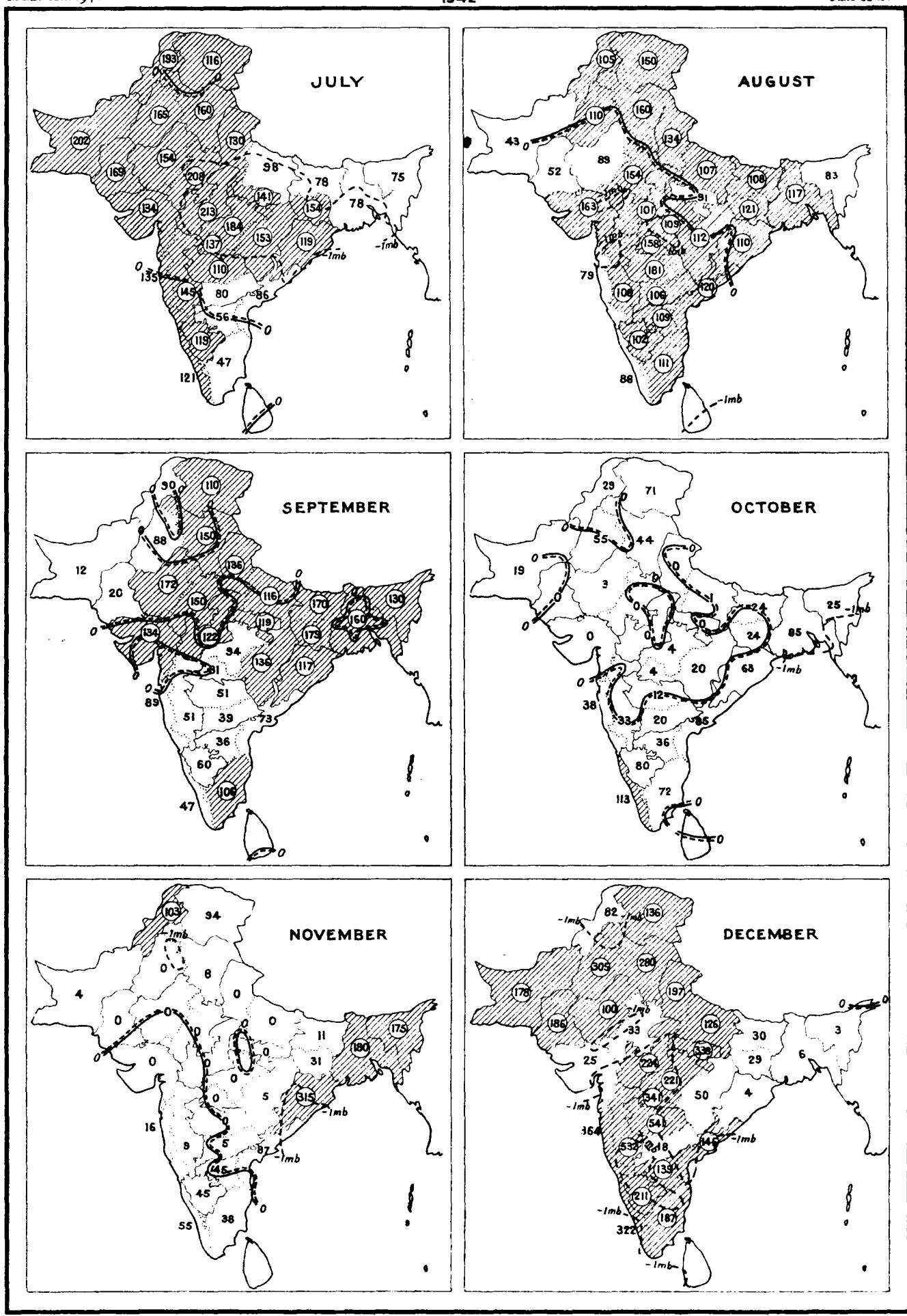
G.P.R. POGNA 1944

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

I.M.D.-A.S. 1942.

1942

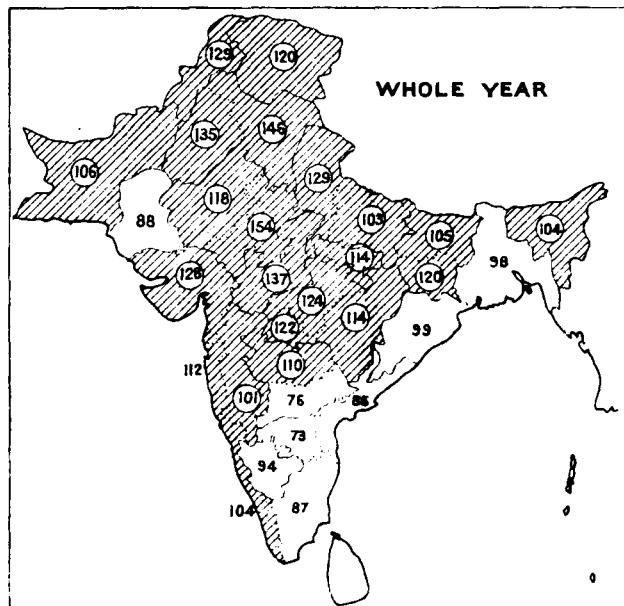
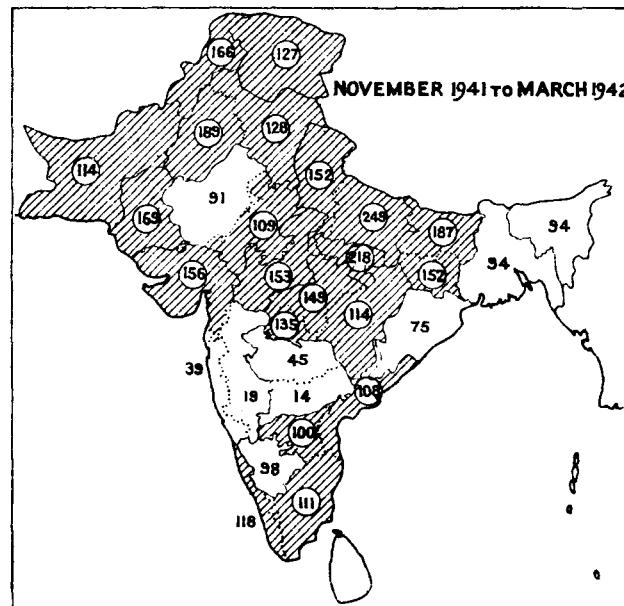
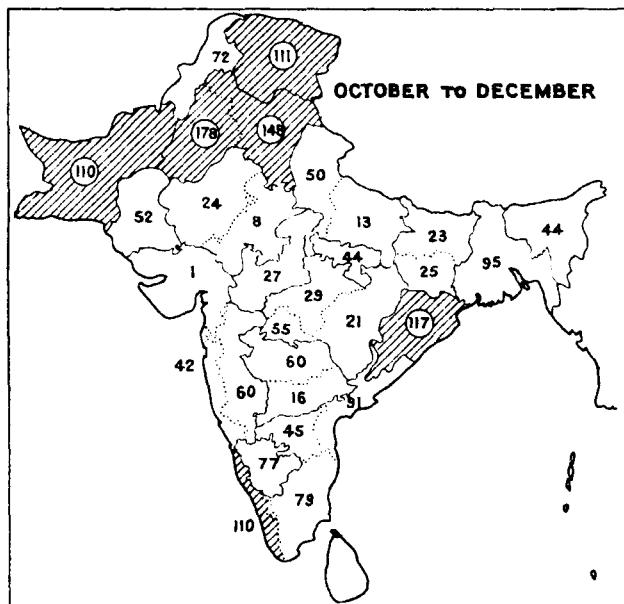
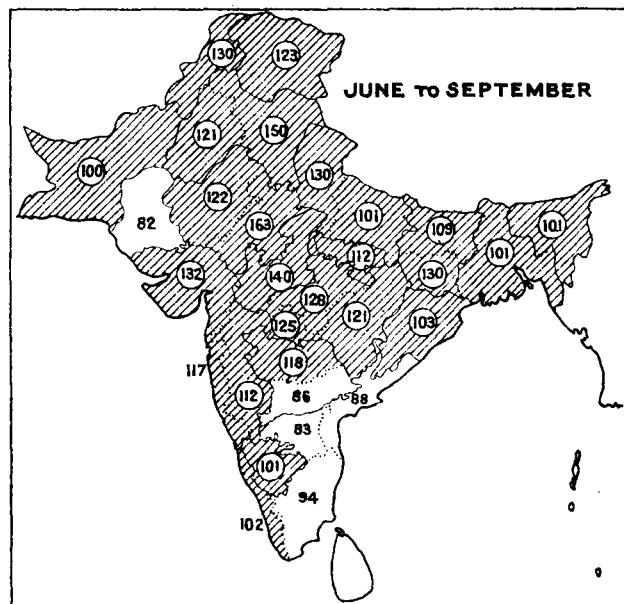
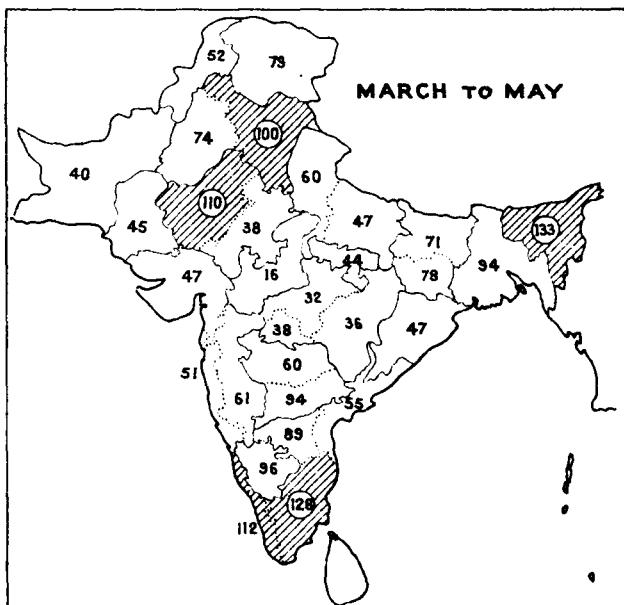
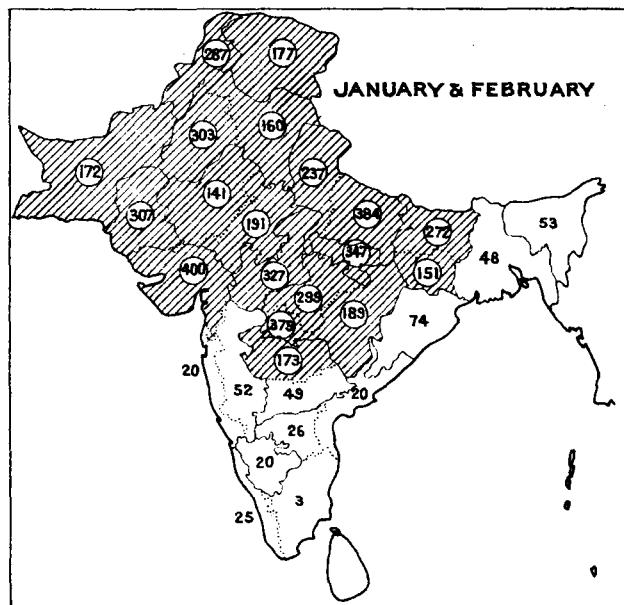
Plate A 2.



SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
 IN DIFFERENT PERIODS OF THE YEAR 1942.

I.M.D.-A.S. 1942.

Plate A 3.



ABOVE 100%

BELOW 100%